

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013760.D
 Acq On : 28 Oct 2019 12:19
 Operator : SY/VA
 Sample : VW1028SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBL01

Quant Time: Oct 29 11:44:50 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

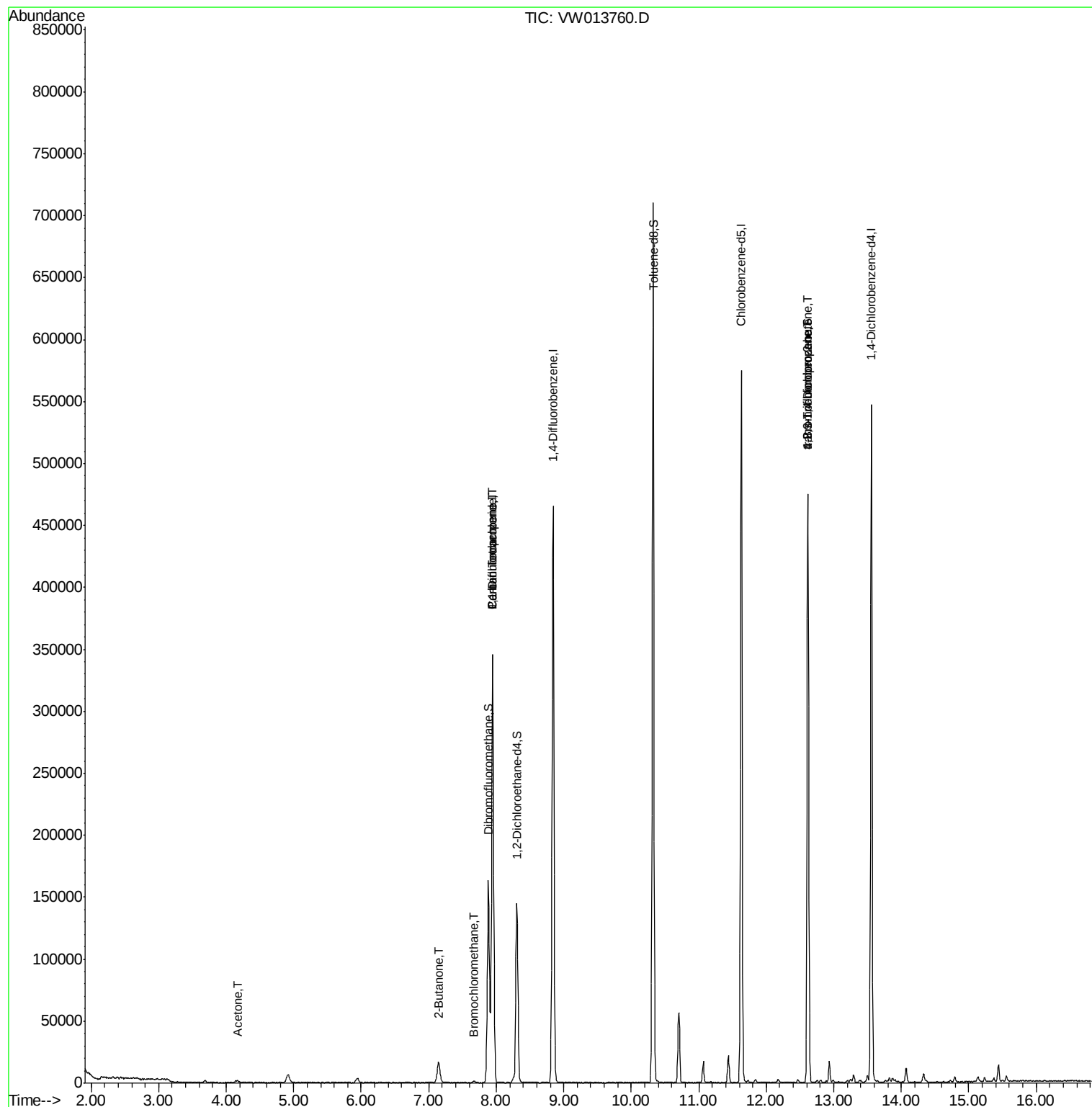
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	284183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111286	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
35) Dibromofluoromethane	7.88	113	117110	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
50) Toluene-d8	10.32	98	478421	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.62	95	150094	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
Target Compounds						
16) Acetone	4.17	43	3924	8.681	ug/l	93
20) Methylene Chloride	4.91	84	5556	Below Cal		90
25) 2-Butanone	7.15	43	908	1.397	ug/l #	74
28) Bromochloromethane	7.67	49	85	1.392	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	17538	4.504	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24506	6.989	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	69159	60.288	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69159	113.936	ug/l #	14

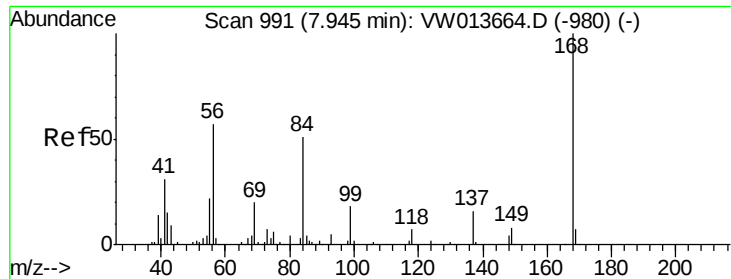
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102819\
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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: VW013760.D

Acq: 28 Oct 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

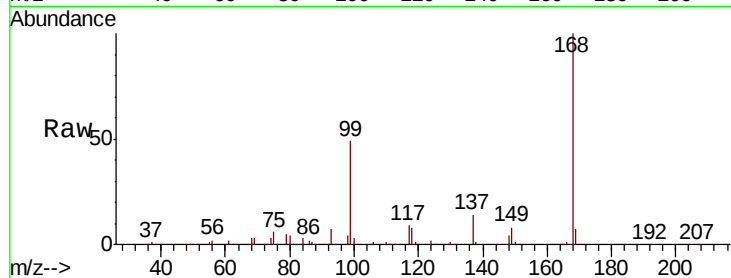
VW1028SBL01

Tot Ion:168 Resp: 284183

Ion Ratio Lower Upper

168 100

99 48.8 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

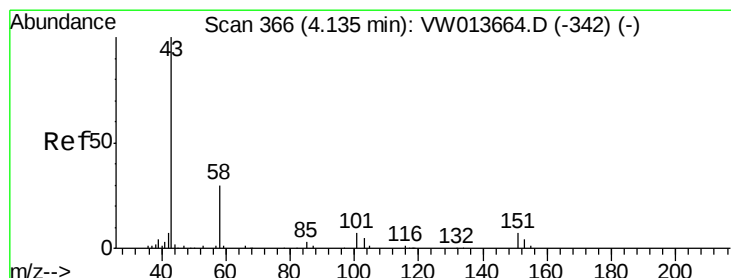
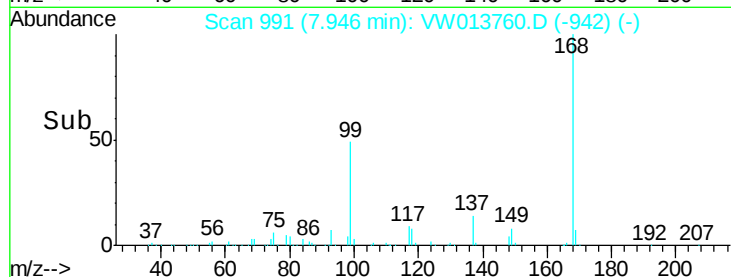
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 8.681 ug/l

RT: 4.17 min Scan# 371

Delta R.T. 0.03 min

Lab File: VW013760.D

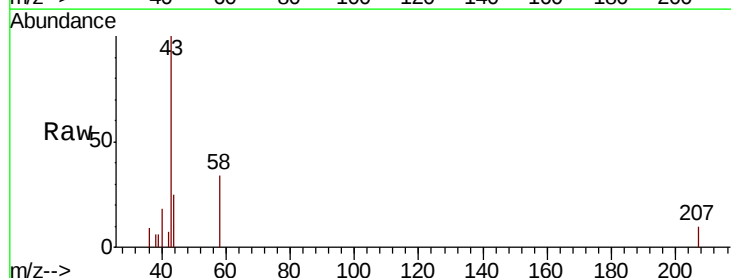
Acq: 28 Oct 2019 12:19

Tgt Ion: 43 Resp: 3924

Ion Ratio Lower Upper

43 100

58 34.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.17

1200

1000

800

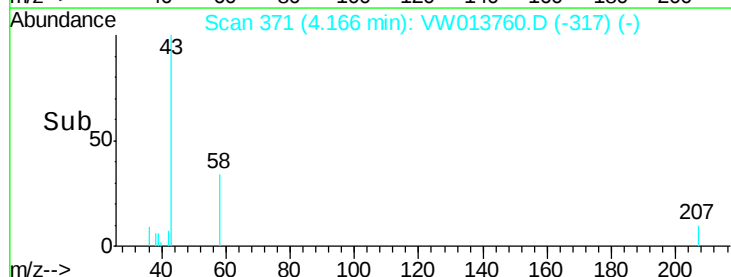
600

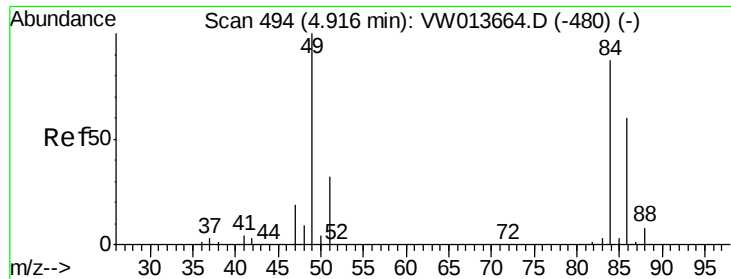
400

200

0

Time--> 4.05 4.10 4.15 4.20 4.25

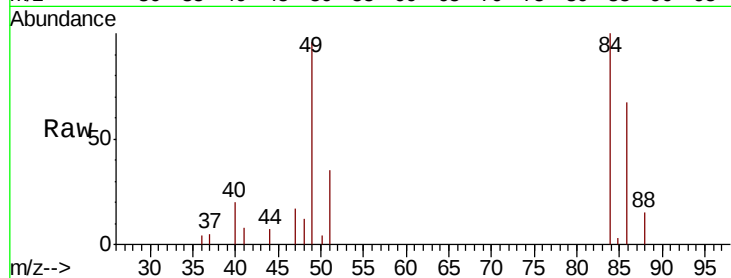




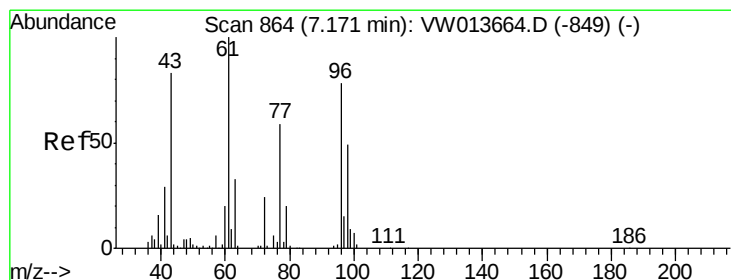
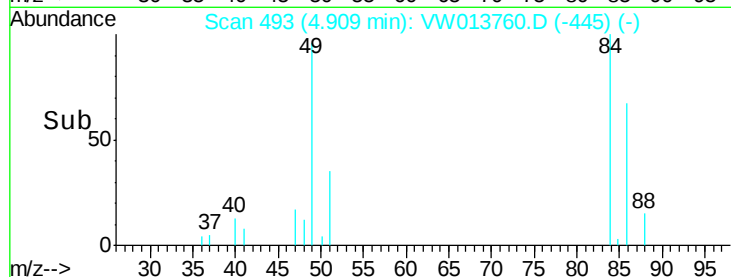
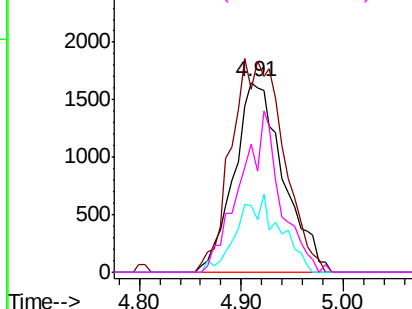
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013760.D
Acq: 28 Oct 2019 12:19

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBL01

Tot Ion: 84 Resp: 5556
Ion Ratio Lower Upper
84 100
49 96.1 91.8 137.6
51 34.9 29.8 44.6
86 67.2 55.2 82.8

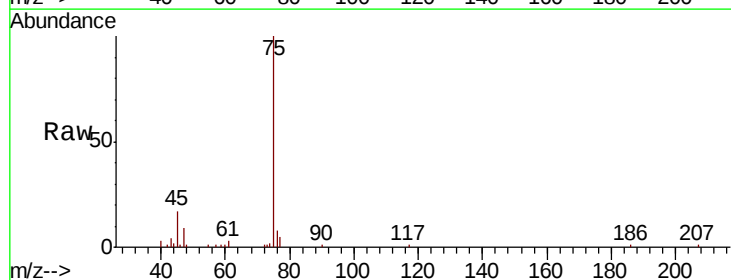


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

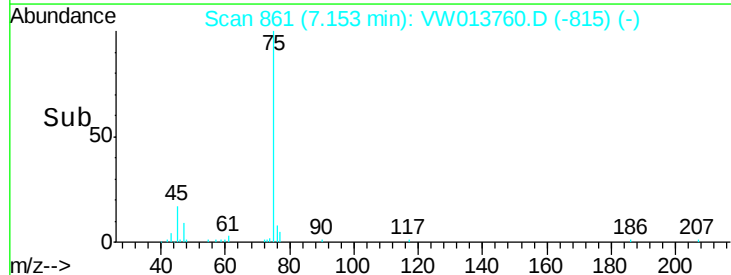
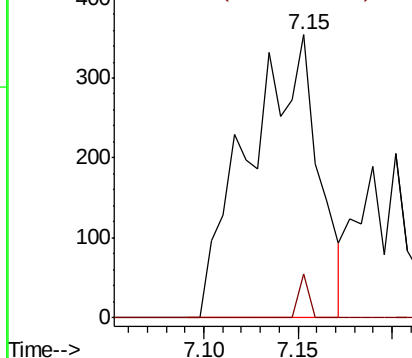


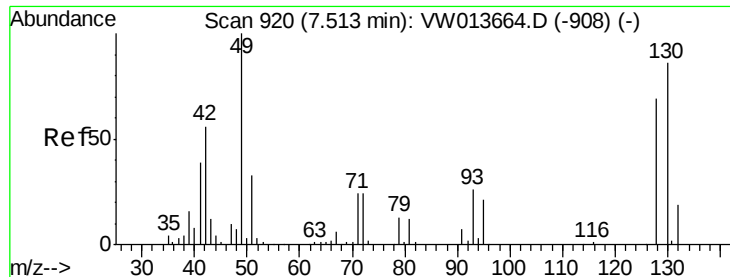
#25
2-Butanone
Concen: 1.397 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW013760.D
Acq: 28 Oct 2019 12:19

Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
72 15.5 23.6 35.4#



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





#28

Bromochloromethane

Concen: 1.392 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.16 min

Lab File: VW013760.D

Acq: 28 Oct 2019 12:19

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBL01

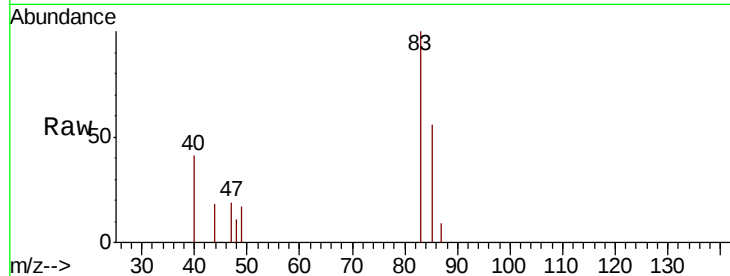
Tot Ion: 49 Resp: 85

Ion Ratio Lower Upper

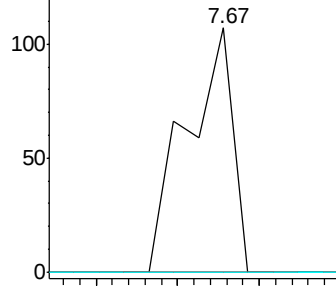
49 100

129 0.0 0.0 0.6

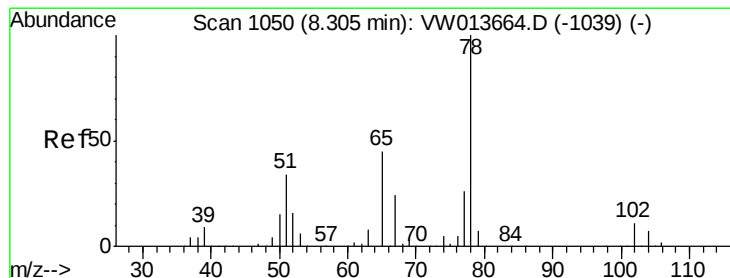
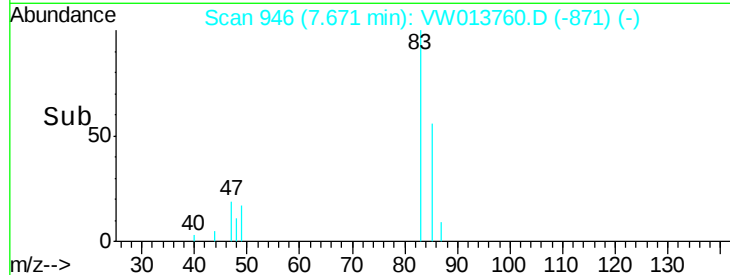
130 0.0 67.5 101.3#



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



Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.202 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013760.D

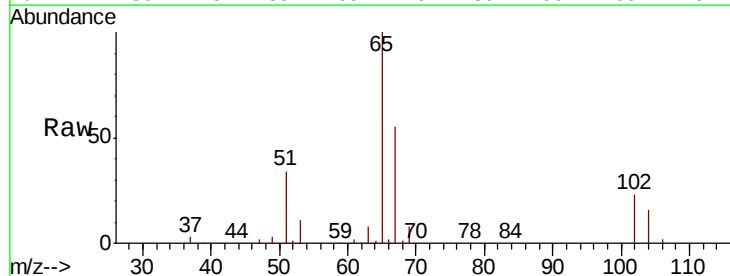
Acq: 28 Oct 2019 12:19

Tgt Ion: 65 Resp: 111286

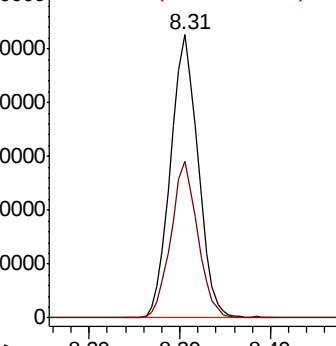
Ion Ratio Lower Upper

65 100

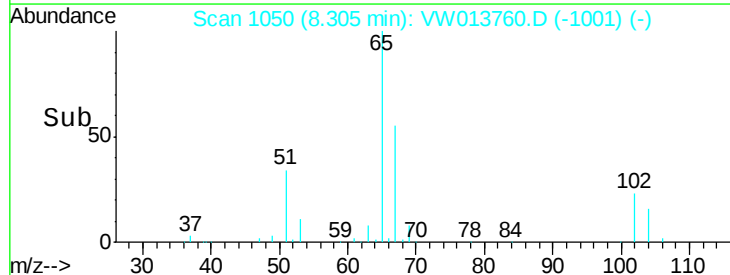
67 53.7 0.0 109.4

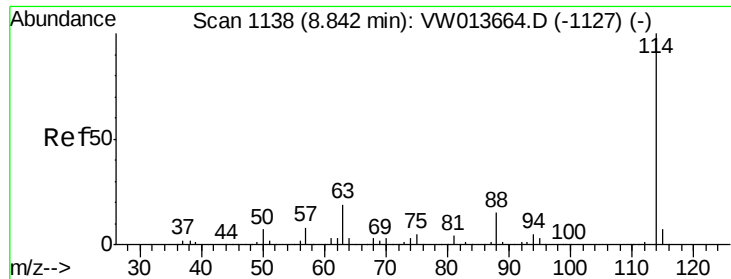


Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW



Time-->

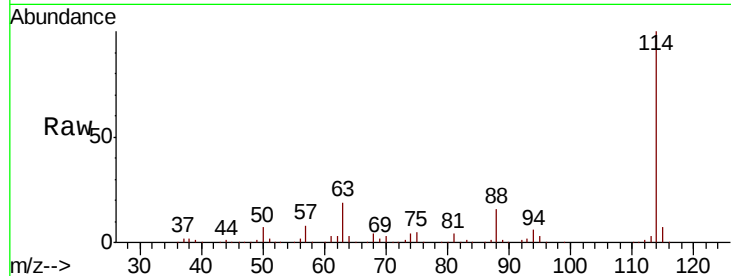




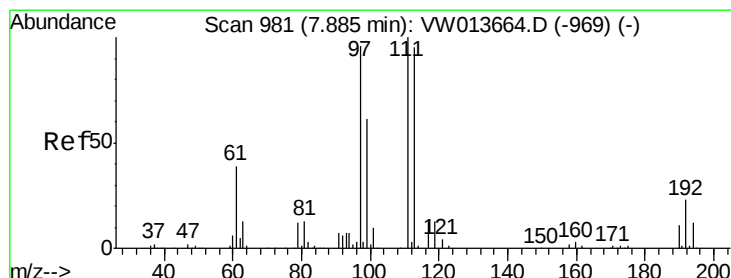
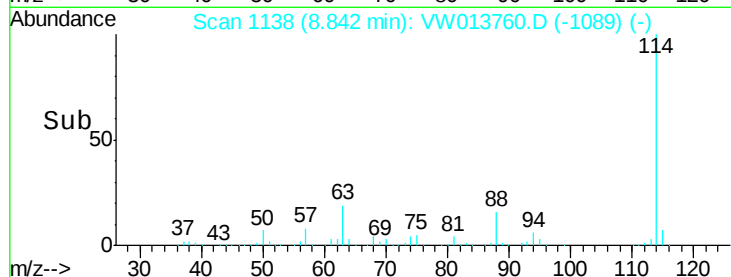
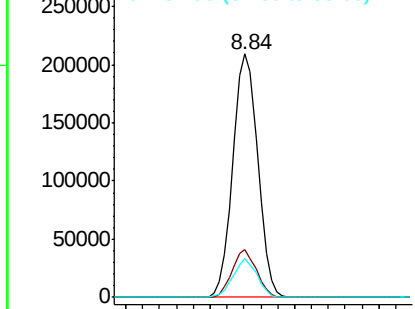
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW013760.D
Acq: 28 Oct 2019 12:19

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBL01

Tot Ion:114 Resp: 418120
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.6
88 15.8 0.0 30.2

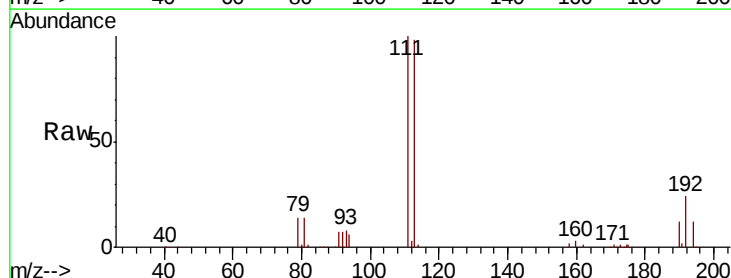


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

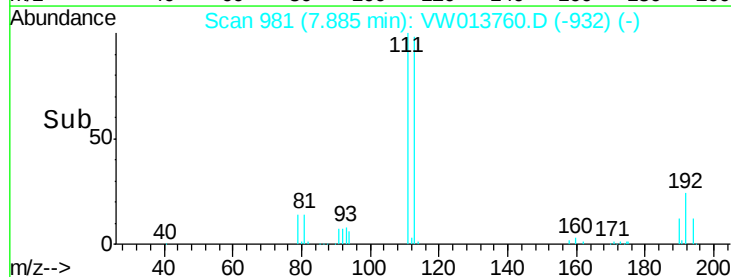
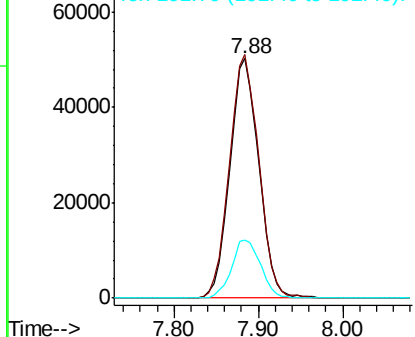


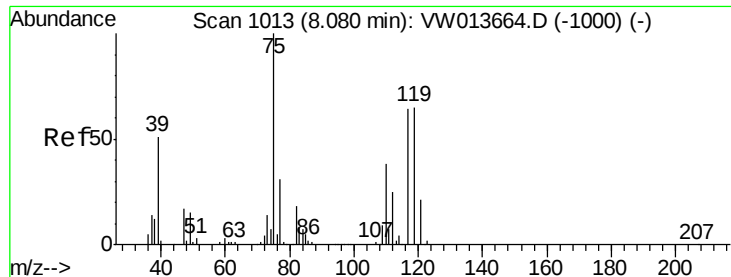
#35
Dibromofluoromethane
Concen: 50.407 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW013760.D
Acq: 28 Oct 2019 12:19

Tgt Ion:113 Resp: 117110
Ion Ratio Lower Upper
113 100
111 102.7 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

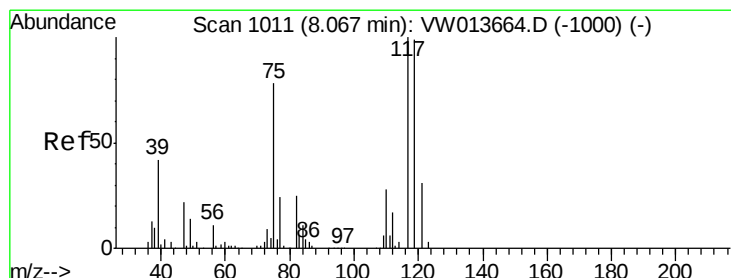
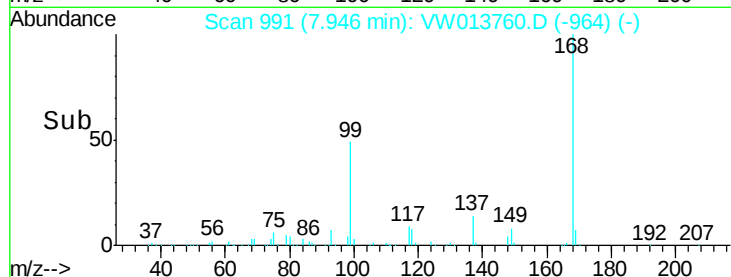
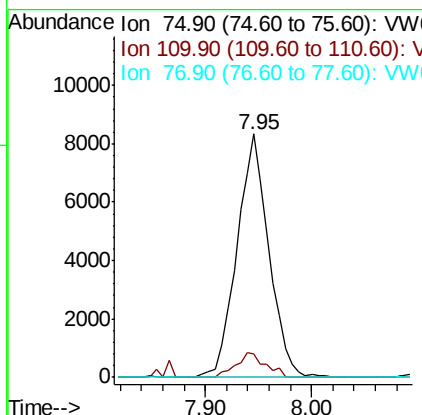
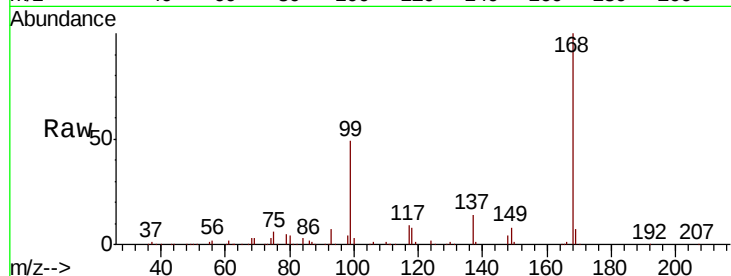




#36
 1,1-Dichloropropene
 Concen: 4.504 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013760.D
 Acq: 28 Oct 2019 12:19

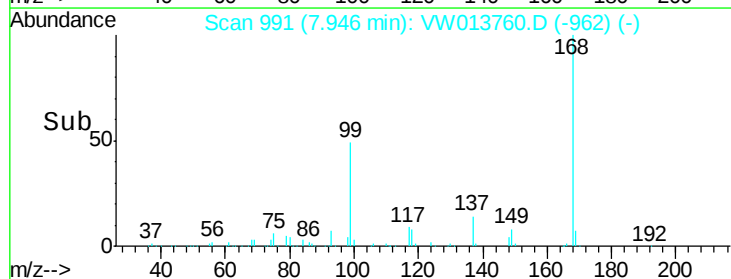
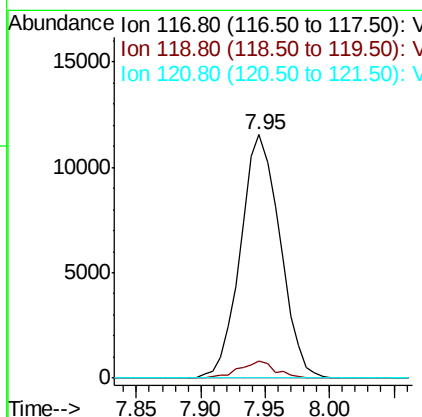
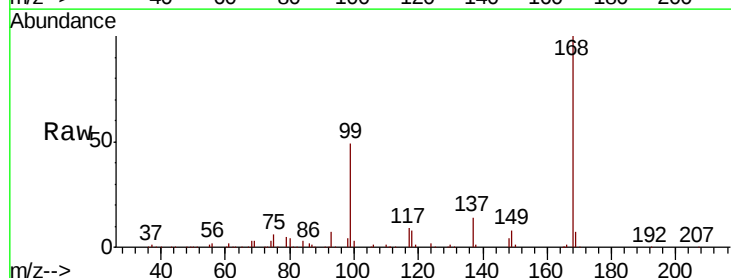
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBL01

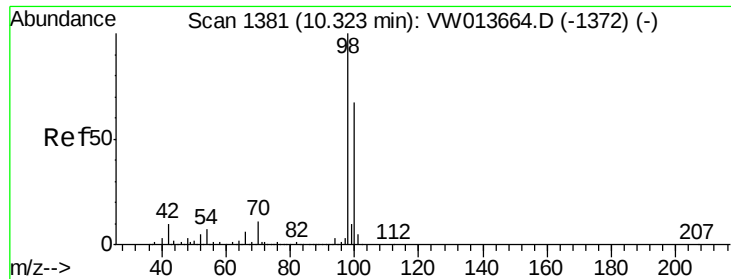
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.7	56.1#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.989 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013760.D
 Acq: 28 Oct 2019 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.0	79.0	118.4#
121	0.0	24.5	36.7#

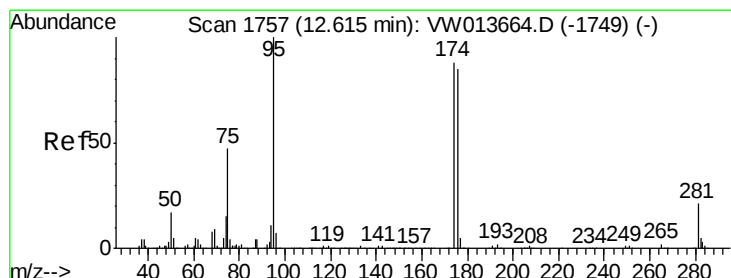
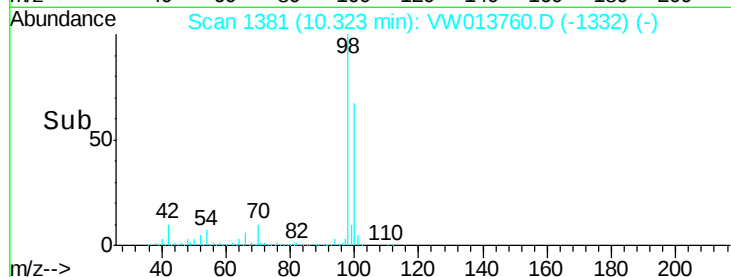
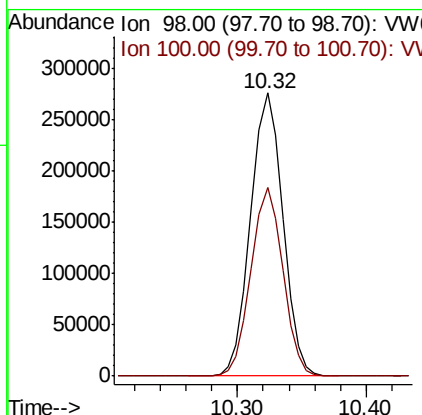
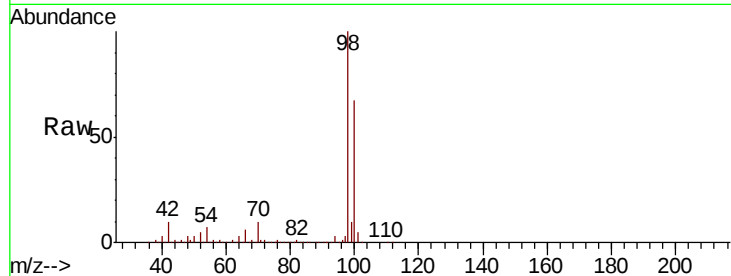




#50
Toluene-d8
Concen: 50.536 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013760.D
Acq: 28 Oct 2019 12:19

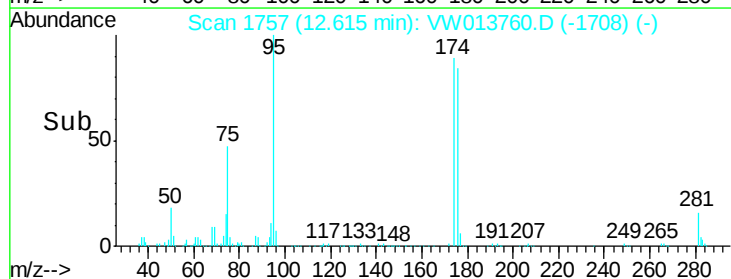
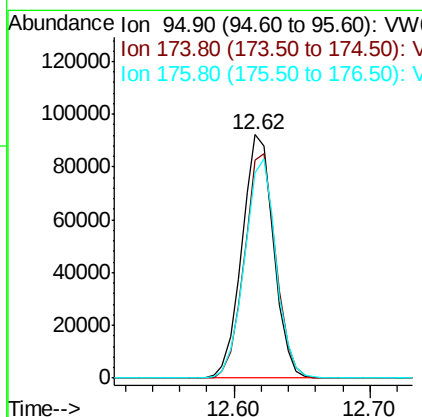
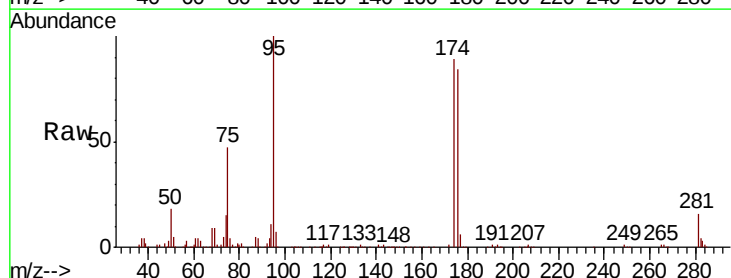
Instrument :
MSVOA_W
ClientSampleId :
VW1028SBL01

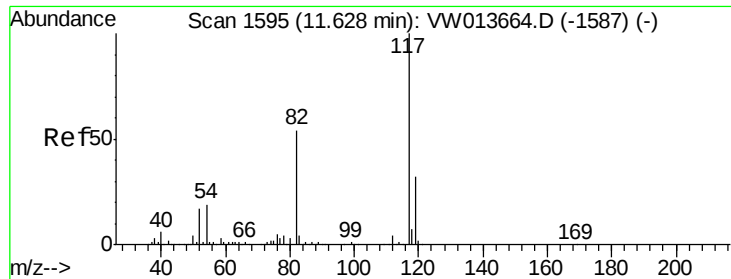
Tot Ion: 98 Resp: 478421
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 46.824 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013760.D
Acq: 28 Oct 2019 12:19

Tgt Ion: 95 Resp: 150094
Ion Ratio Lower Upper
95 100
174 91.3 0.0 183.6
176 89.8 0.0 178.0

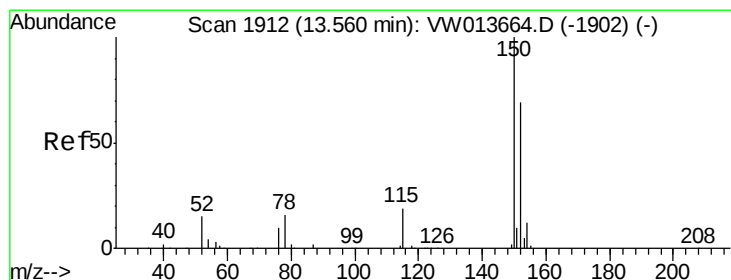
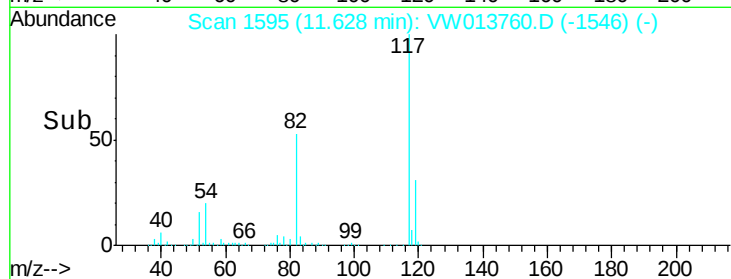
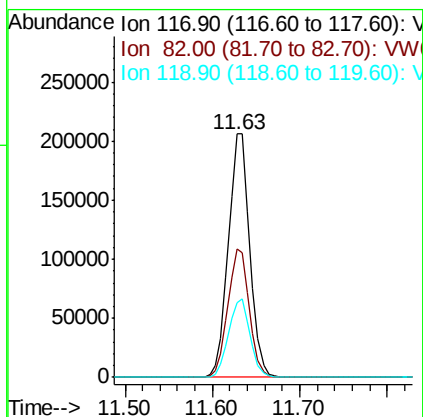
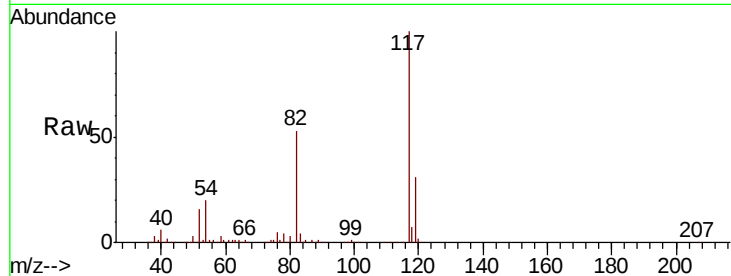




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013760.D
Acq: 28 Oct 2019 12:19

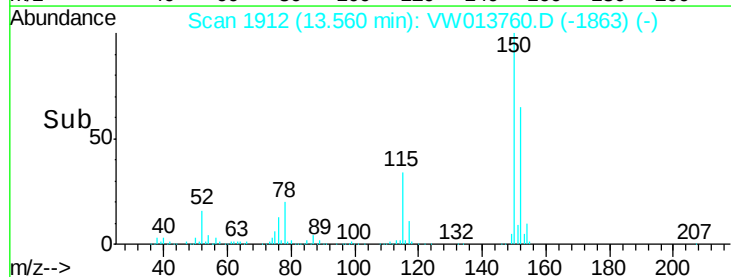
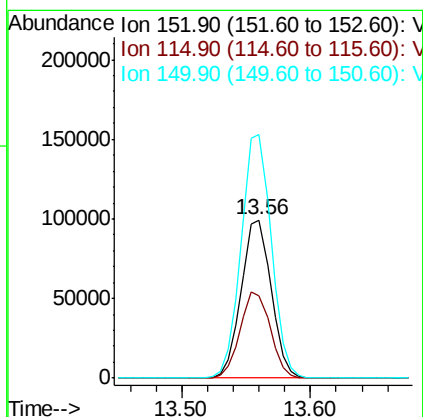
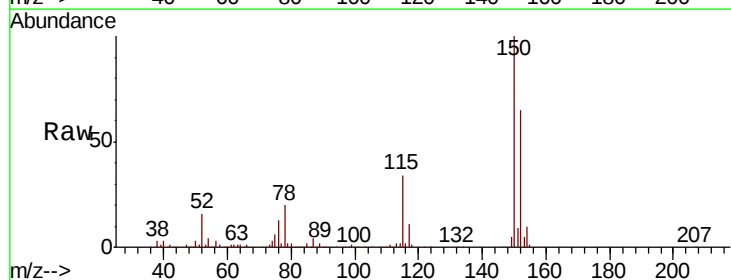
Instrument :
MSVOA_W
ClientSampleId :
VW1028SBL01

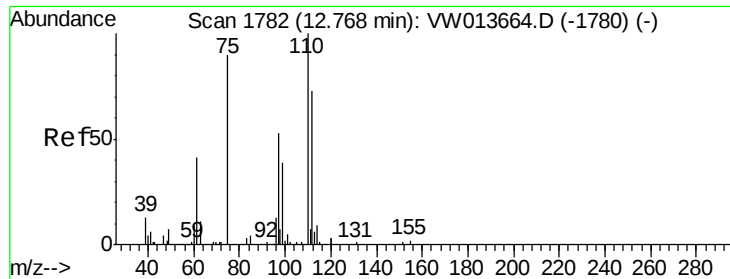
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.6	65.4
119	30.8	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013760.D
Acq: 28 Oct 2019 12:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.4	82.2
150	155.0	0.0	345.4





#76

1,2,3-Trichloropropane

Concen: 60.288 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013760.D

Acq: 28 Oct 2019 12:19

Instrument :

MSVOA_W

ClientSampleId :

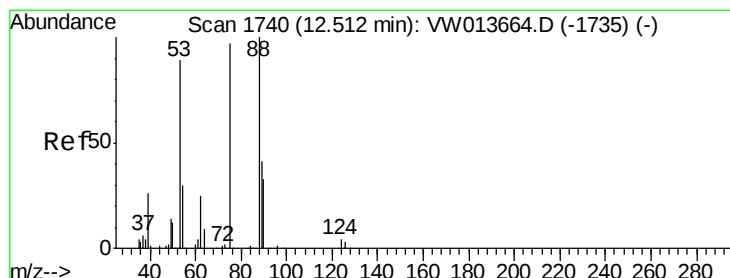
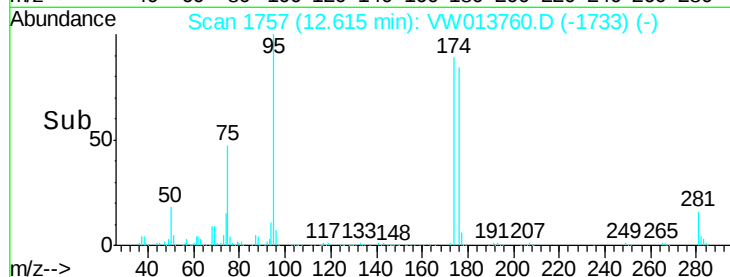
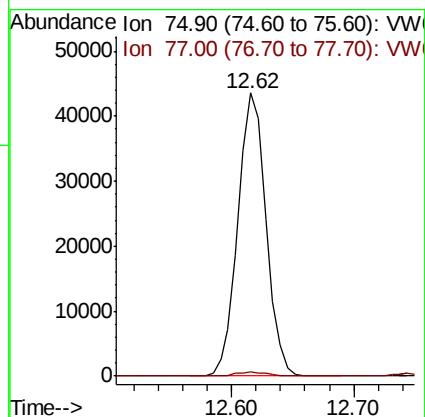
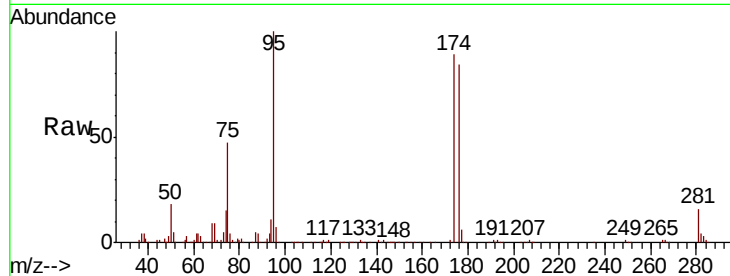
VW1028SBL01

Tot Ion: 75 Resp: 69159

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.936 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013760.D

Acq: 28 Oct 2019 12:19

Tgt Ion: 75 Resp: 69159

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.2 35.8 53.8#

