

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013707.D
 Acq On : 24 Oct 2019 10:04
 Operator : SY/VA
 Sample : K5503-20
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 10:53:44 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

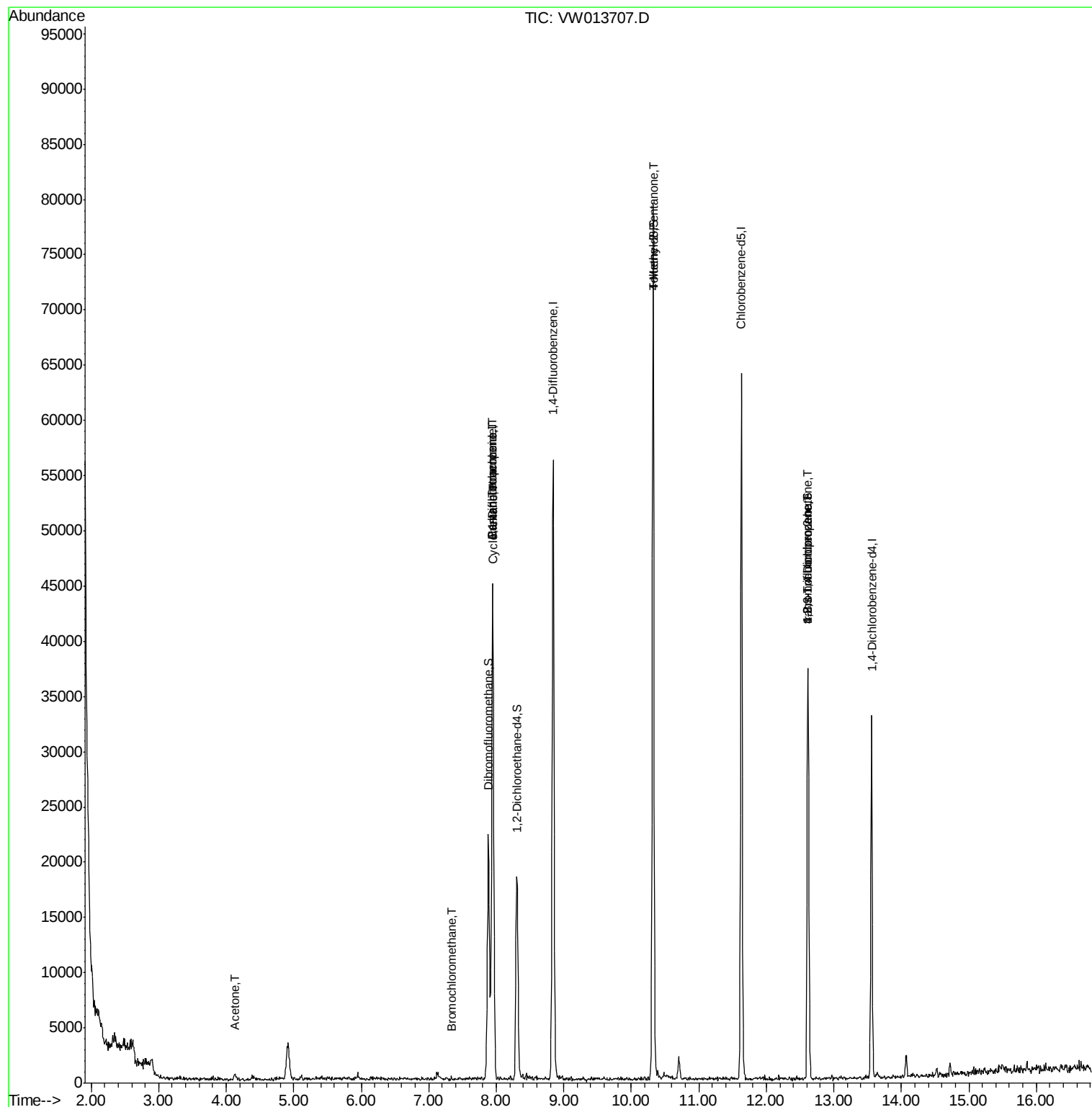
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	36643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	50202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	38895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	9059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	14524	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
35) Dibromofluoromethane	7.88	113	15533	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
50) Toluene-d8	10.32	98	56006	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	12575	32.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.34%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	974	16.711	ug/l #	86
20) Methylene Chloride	4.90	84	1169	Below Cal	#	88
28) Bromochloromethane	7.34	49	19	1.429	ug/l #	7
31) Cyclohexane	7.96	56	611	1.000	ug/l #	35
36) 1,1-Dichloropropene	7.94	75	2677	5.726	ug/l #	42
38) Carbon Tetrachloride	7.95	117	3285	7.803	ug/l #	11
51) 4-Methyl-2-Pentanone	10.32	43	177	1.040	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	5979	91.905	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	5979	173.688	ug/l #	14

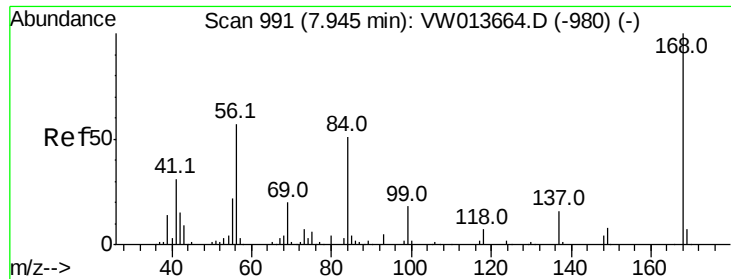
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
Data File : VW013707.D
Acq On : 24 Oct 2019 10:04
Operator : SY/VA
Sample : K5503-20
Misc : 5.27G/5ML/MSVOA W/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 24 10:53:44 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: VW013707.D

Acq: 24 Oct 2019 10:04

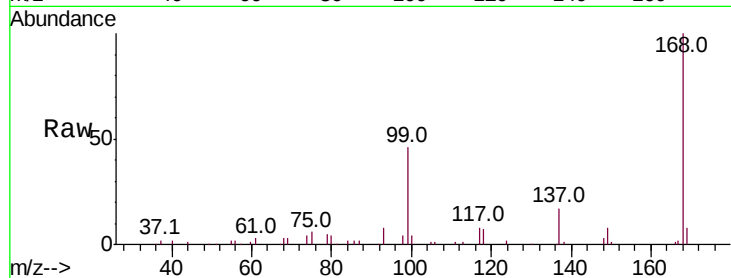
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 36643

Ion Ratio Lower Upper

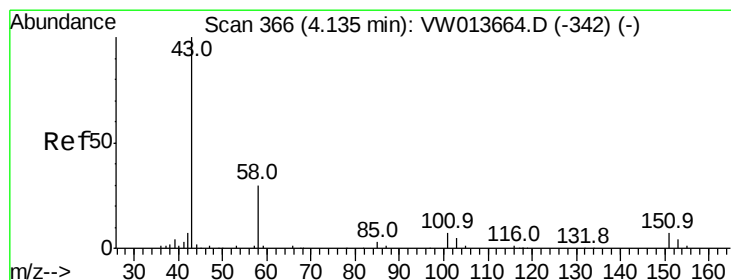
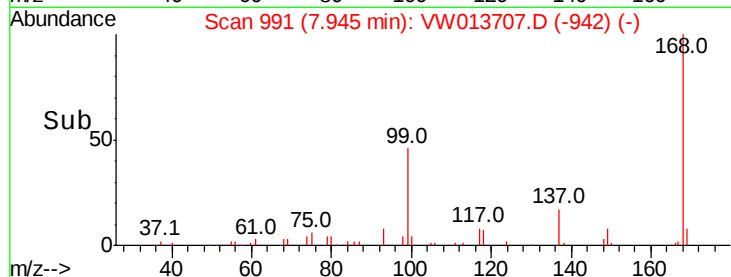
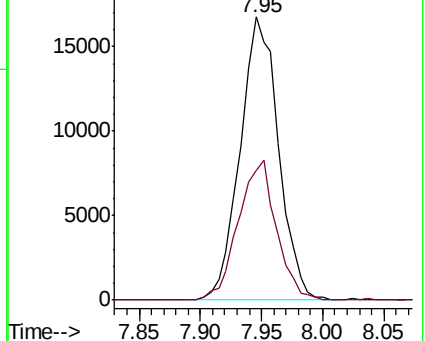
168 100

99 46.0 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 16.711 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW013707.D

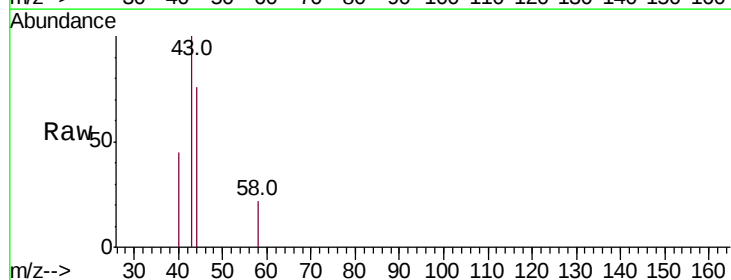
Acq: 24 Oct 2019 10:04

Tgt Ion: 43 Resp: 974

Ion Ratio Lower Upper

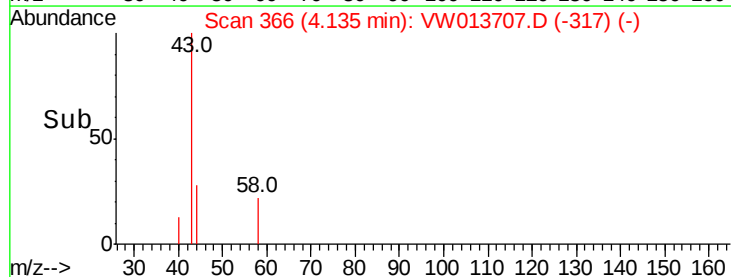
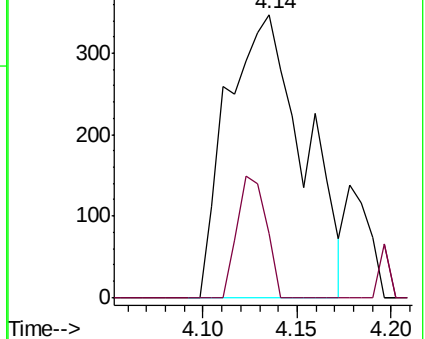
43 100

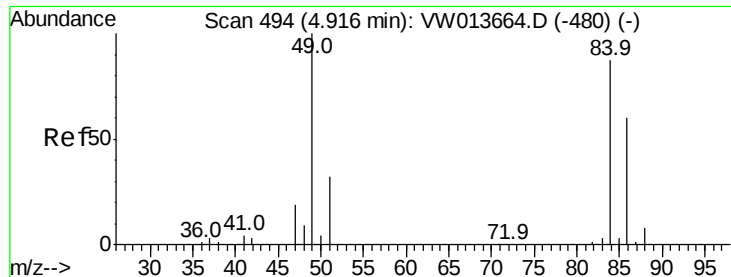
58 22.4 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

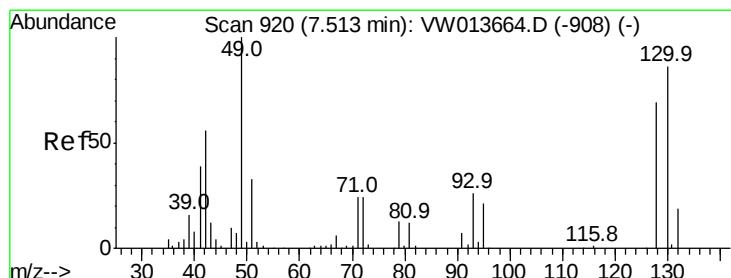
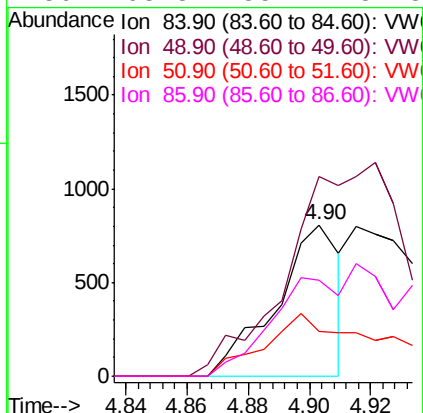
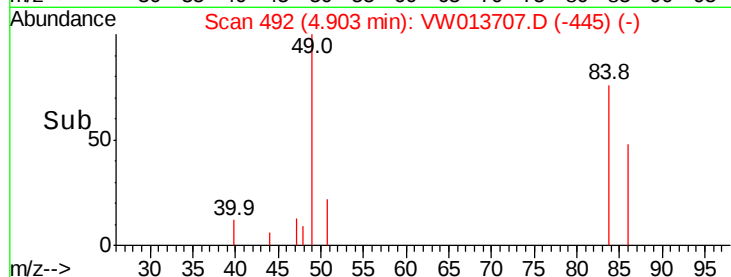
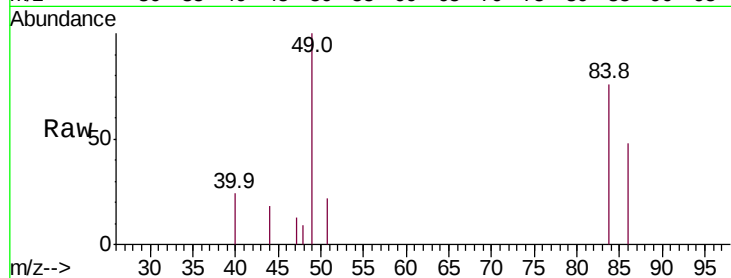




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013707.D
Acq: 24 Oct 2019 10:04

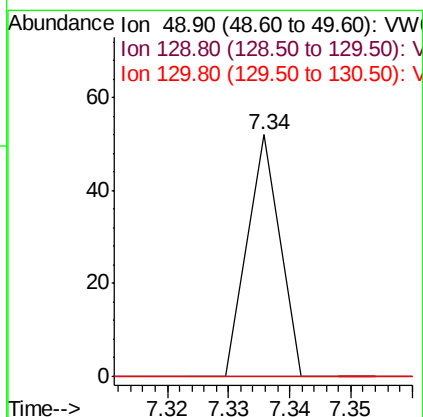
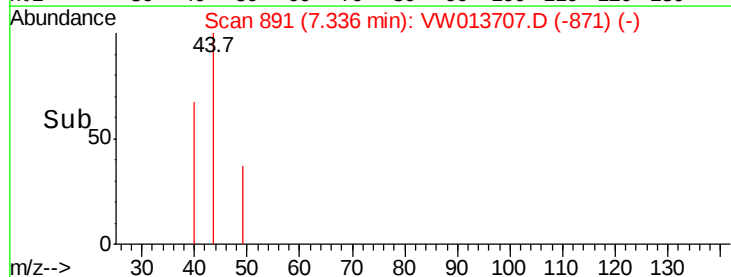
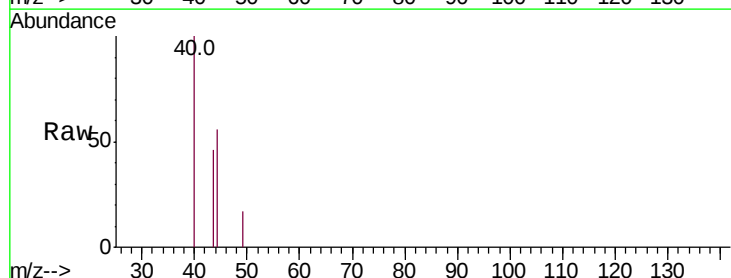
Instrument :
MSVOA_W
ClientSampleId :

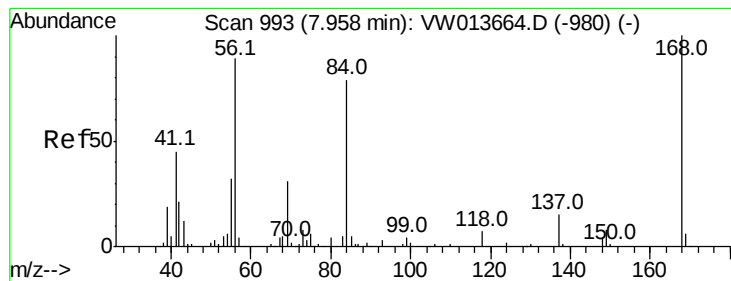
Tot Ion: 84 Resp: 1169
Ion Ratio Lower Upper
84 100
49 131.9 91.8 137.6
51 29.5 29.8 44.6#
86 63.8 55.2 82.8



#28
Bromochloromethane
Concen: 1.429 ug/l
RT: 7.34 min Scan# 891
Delta R.T. -0.18 min
Lab File: VW013707.D
Acq: 24 Oct 2019 10:04

Tgt Ion: 49 Resp: 19
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.6
130 0.0 67.5 101.3#





#31

Cyclohexane

Concen: 1.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

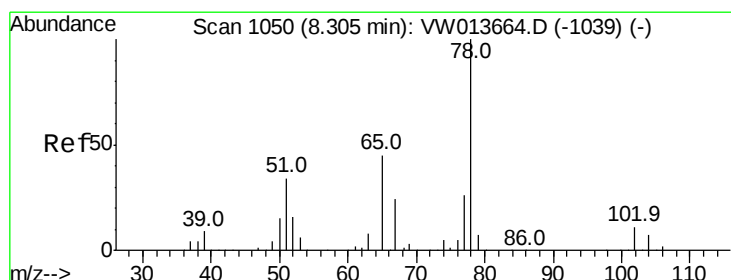
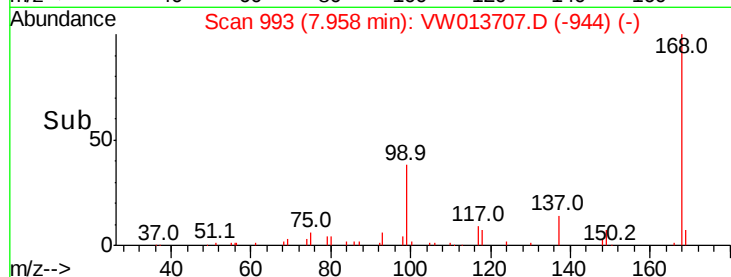
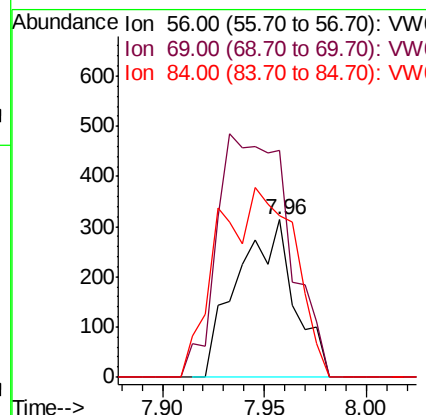
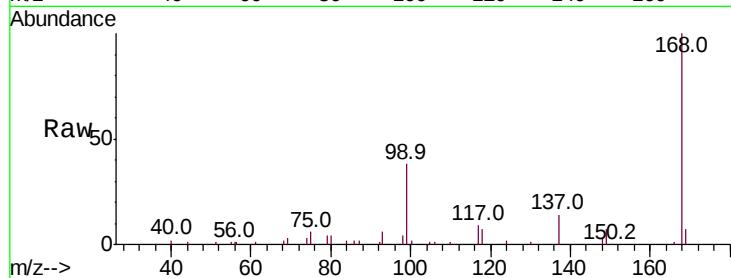
Lab File: VW013707.D

Acq: 24 Oct 2019 10:04

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 611

Ion	Ratio	Lower	Upper
56	100		
69	144.7	27.5	41.3#
84	103.2	70.8	106.2



#33

1,2-Dichloroethane-d4

Concen: 52.837 ug/l

RT: 8.31 min Scan# 1050

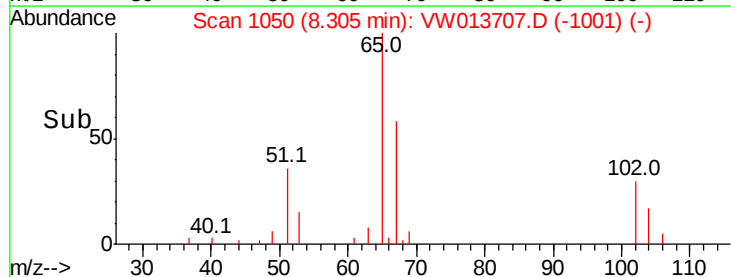
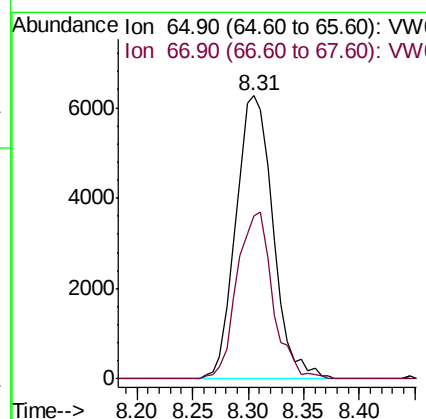
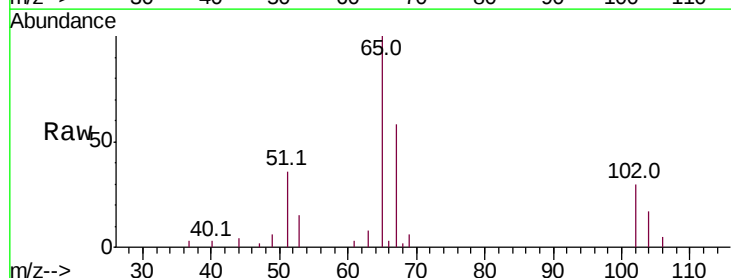
Delta R.T. -0.00 min

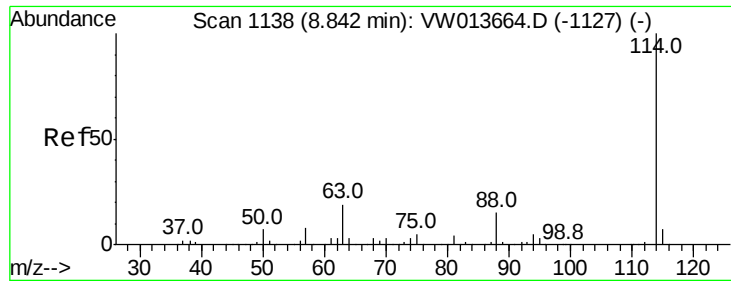
Lab File: VW013707.D

Acq: 24 Oct 2019 10:04

Tgt Ion: 65 Resp: 14524

Ion	Ratio	Lower	Upper
65	100		
67	56.7	0.0	109.4

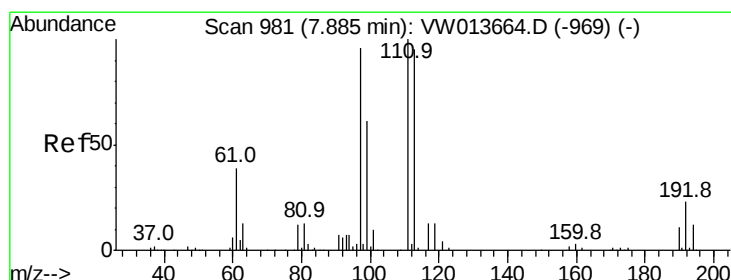
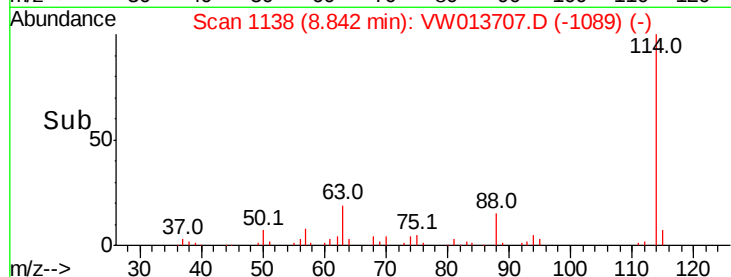
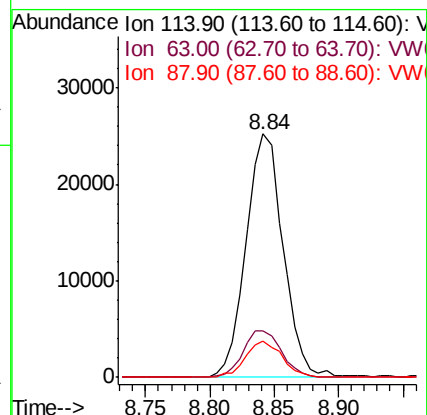
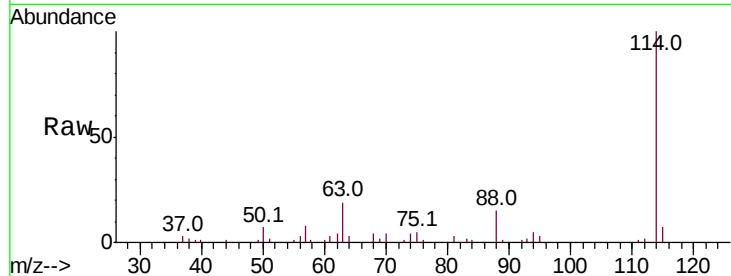




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013707.D
 Acq: 24 Oct 2019 10:04

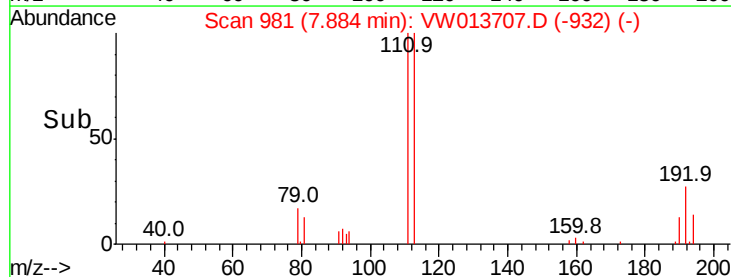
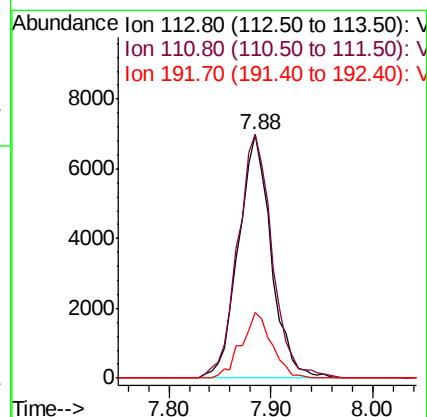
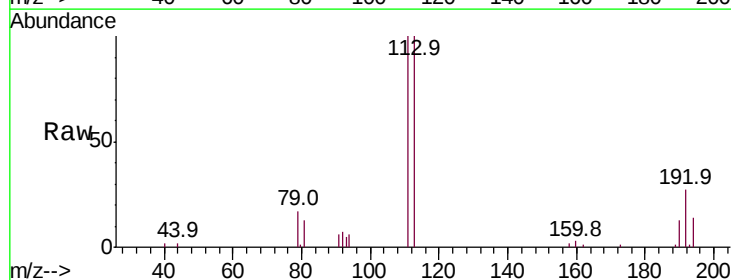
Instrument :
 MSVOA_W
 ClientSampleId :

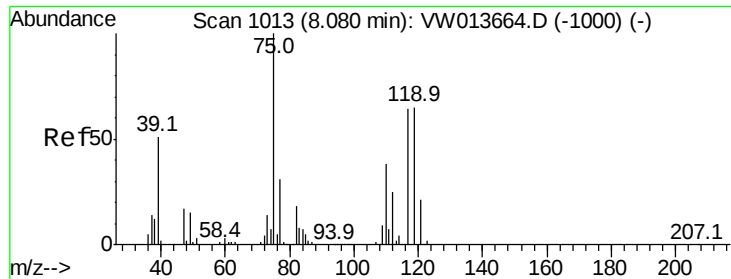
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.6
88	14.7	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 55.684 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013707.D
 Acq: 24 Oct 2019 10:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.0	124.6
192	25.0	19.4	29.2

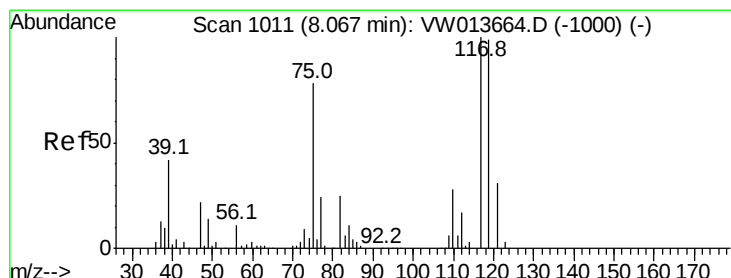
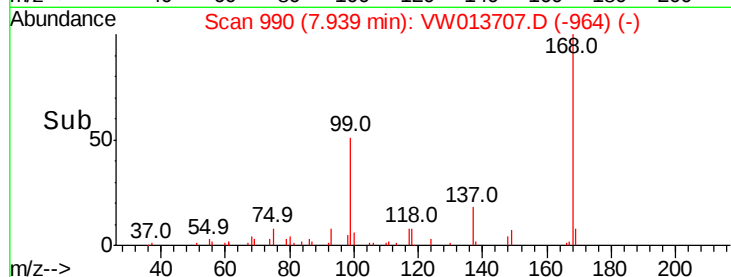
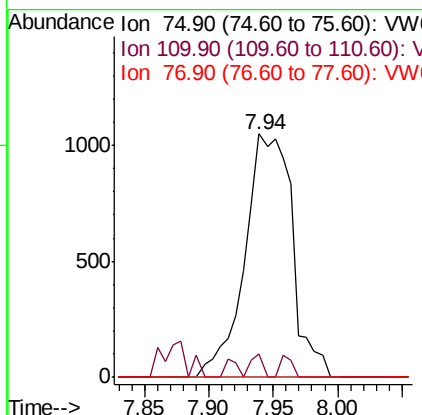
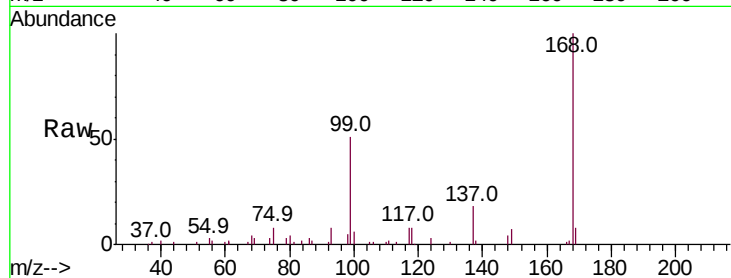




#36
 1,1-Dichloropropene
 Concen: 5.726 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013707.D
 Acq: 24 Oct 2019 10:04

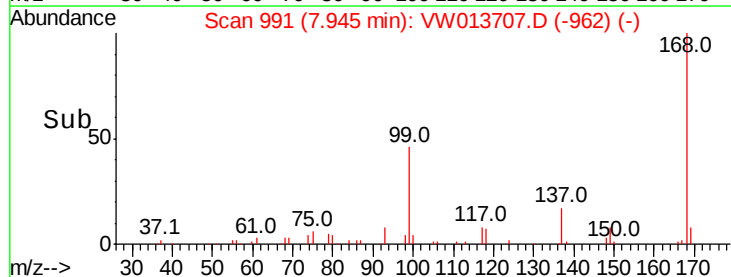
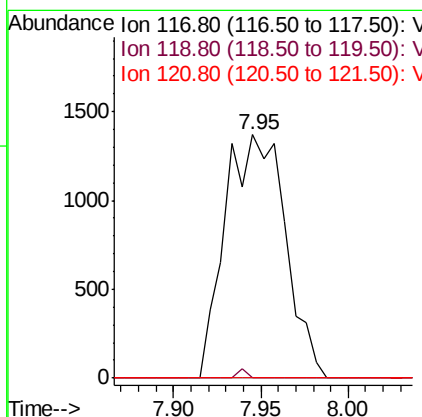
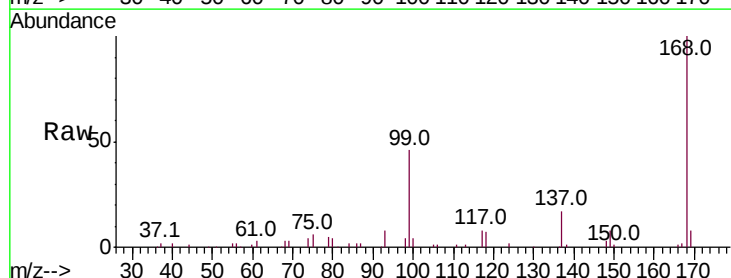
Instrument :
 MSVOA_W
 ClientSampled :

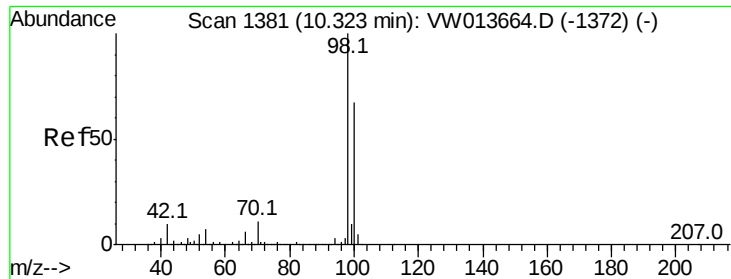
Tot Ion	Ratio	Lower	Upper
75	100		
110	2.4	18.7	56.1#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 7.803 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013707.D
 Acq: 24 Oct 2019 10:04

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

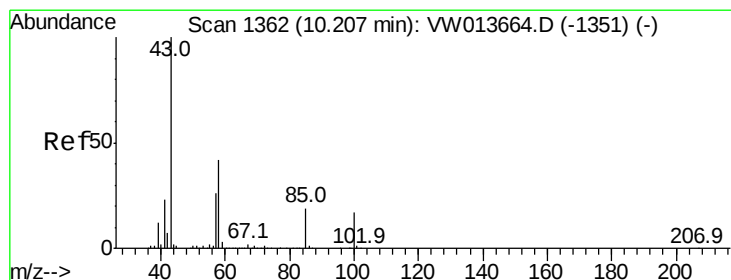
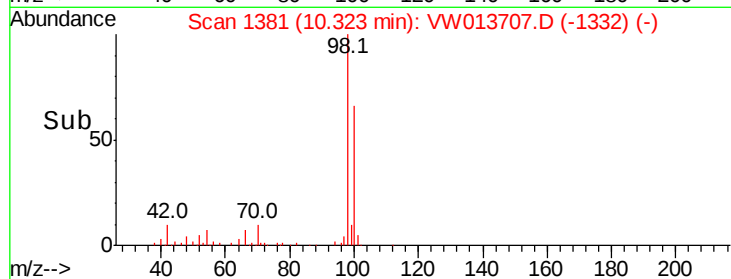
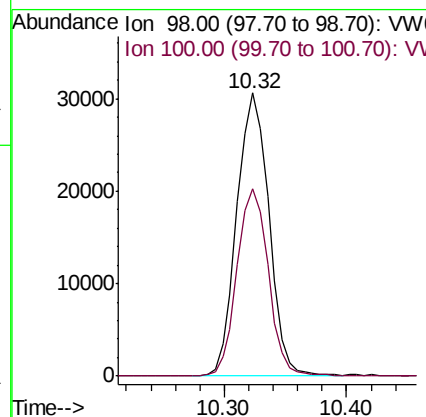
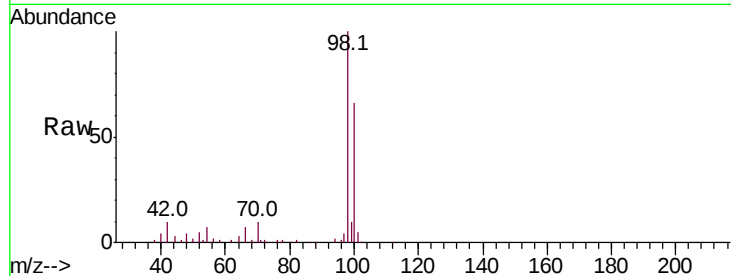




#50
Toluene-d8
Concen: 49.273 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013707.D
Acq: 24 Oct 2019 10:04

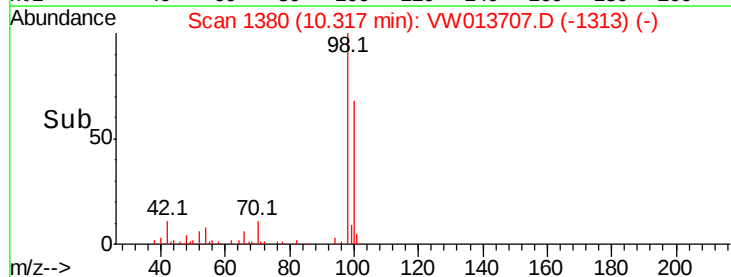
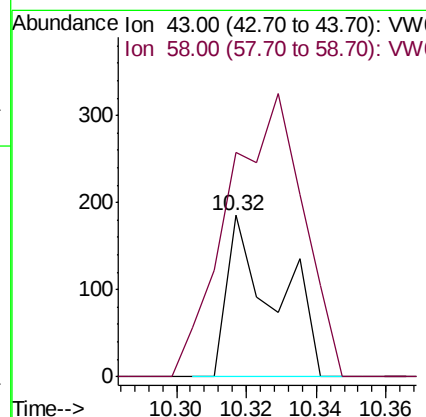
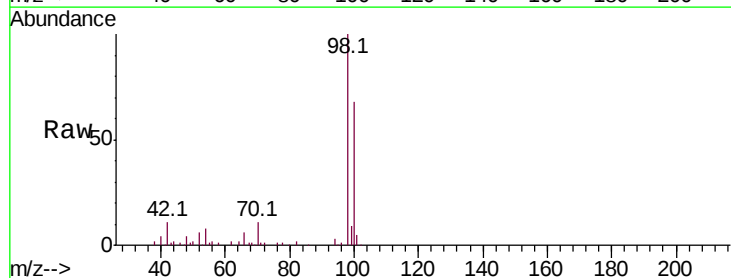
Instrument :
MSVOA_W
ClientSampled :

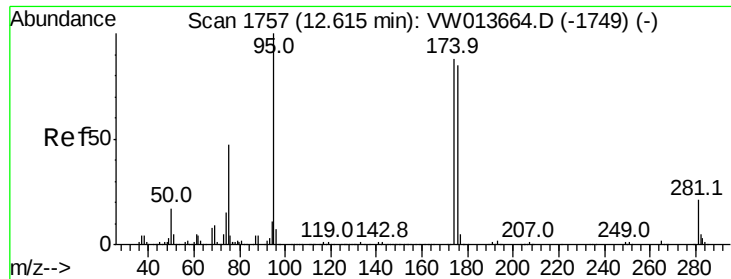
Tot Ion: 98 Resp: 56006
Ion Ratio Lower Upper
98 100
100 64.5 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 1.040 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. 0.11 min
Lab File: VW013707.D
Acq: 24 Oct 2019 10:04

Tgt Ion: 43 Resp: 177
Ion Ratio Lower Upper
43 100
58 272.9 32.6 49.0#

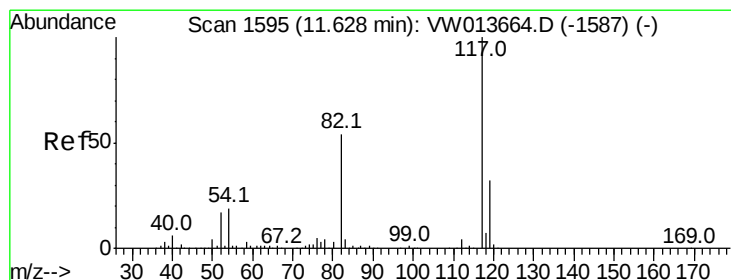
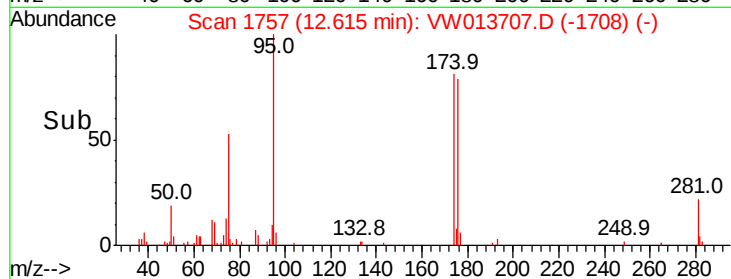
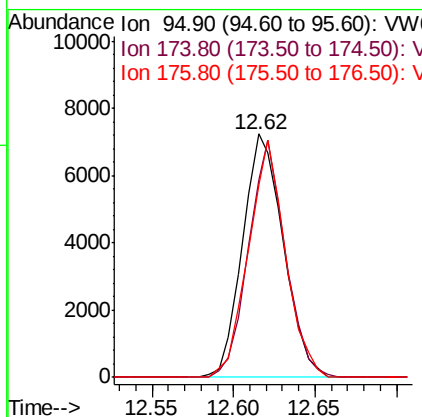
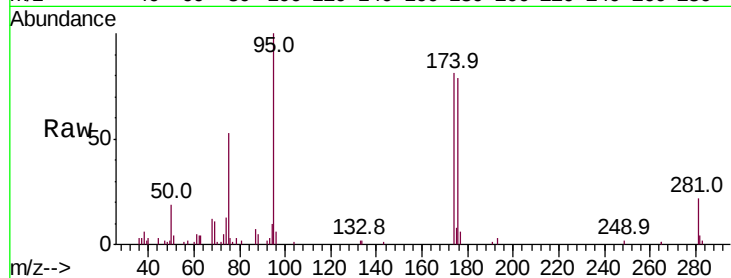




#62
4-Bromofluorobenzene
Concen: 32.673 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013707.D
Acq: 24 Oct 2019 10:04

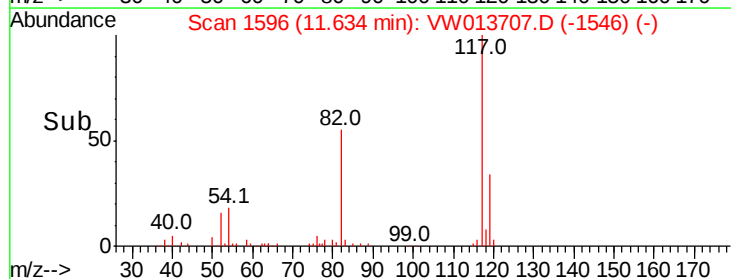
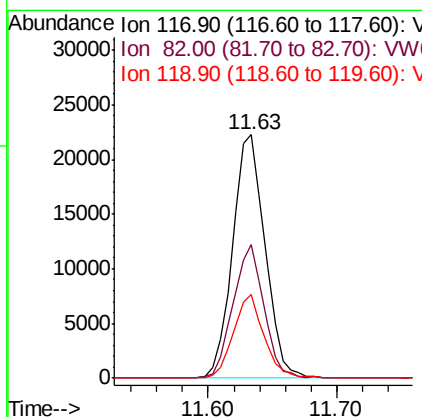
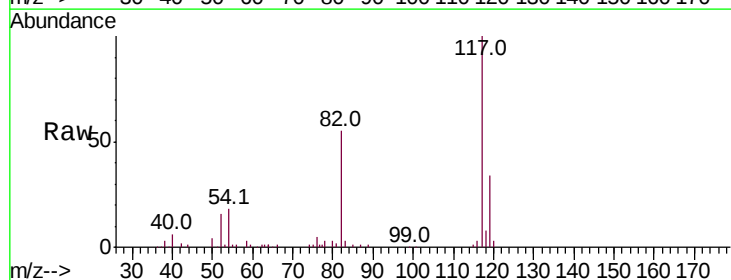
Instrument :
MSVOA_W
ClientSampled :

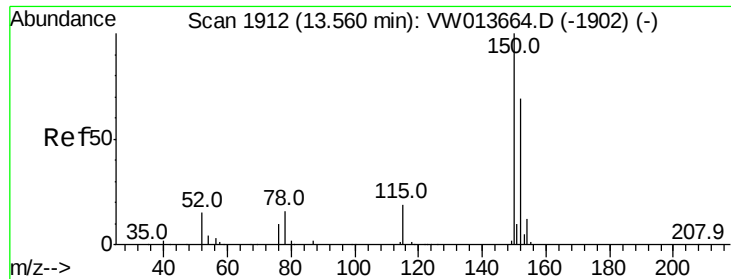
Tot Ion	95	Resp	12575
Ion Ratio	Lower	Upper	
95	100		
174	88.0	0.0	183.6
176	87.9	0.0	178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013707.D
Acq: 24 Oct 2019 10:04

Tgt Ion	117	Resp	38895
Ion Ratio	Lower	Upper	
117	100		
82	54.9	43.6	65.4
119	34.1	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: VW013707.D

Acq: 24 Oct 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

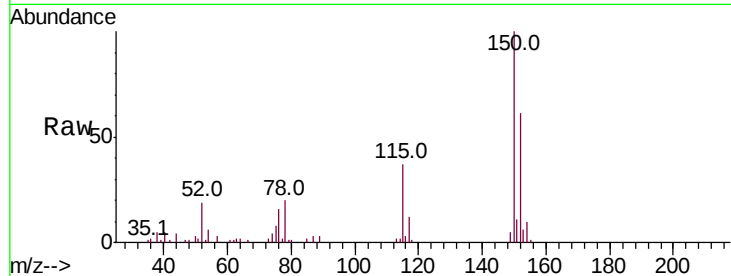
Tot Ion:152 Resp: 9059

Ion Ratio Lower Upper

152 100

115 56.9 27.4 82.2

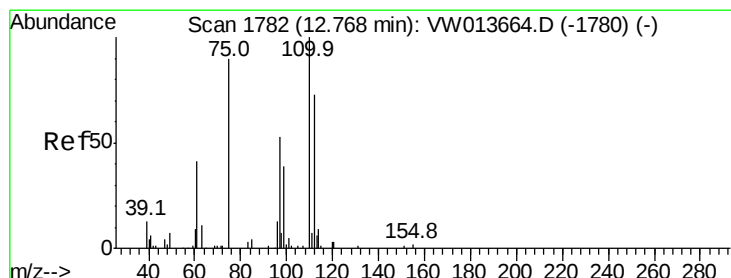
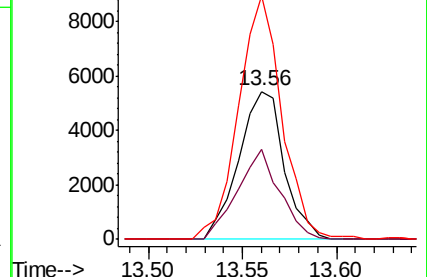
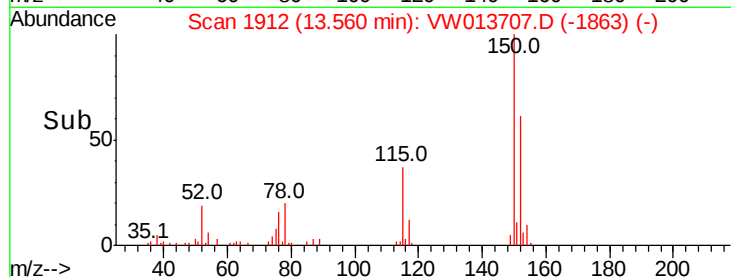
150 156.8 0.0 345.4



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: 91.905 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013707.D

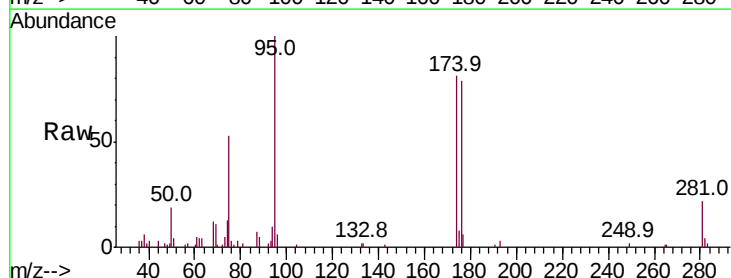
Acq: 24 Oct 2019 10:04

Tgt Ion: 75 Resp: 5979

Ion Ratio Lower Upper

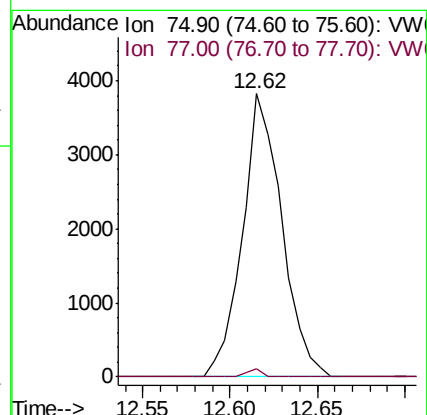
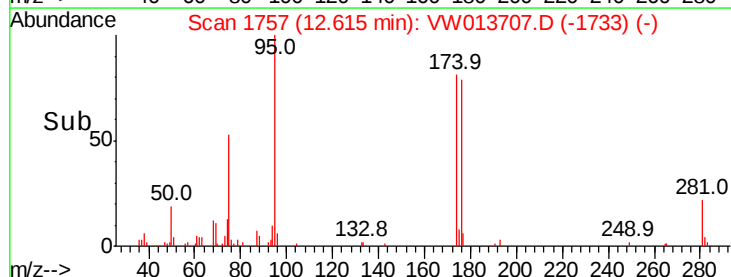
75 100

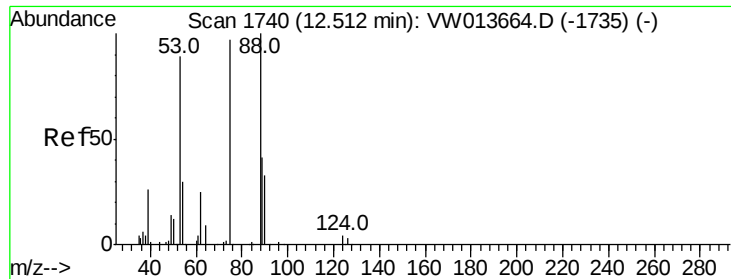
77 1.0 0.0 0.0#



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: 173.688 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013707.D

Acq: 24 Oct 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 5979

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

