

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011875.D
 Acq On : 13 Aug 2019 02:54
 Operator : SY/VA
 Sample : K4230-02
 Misc : 5.23G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 09:25:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

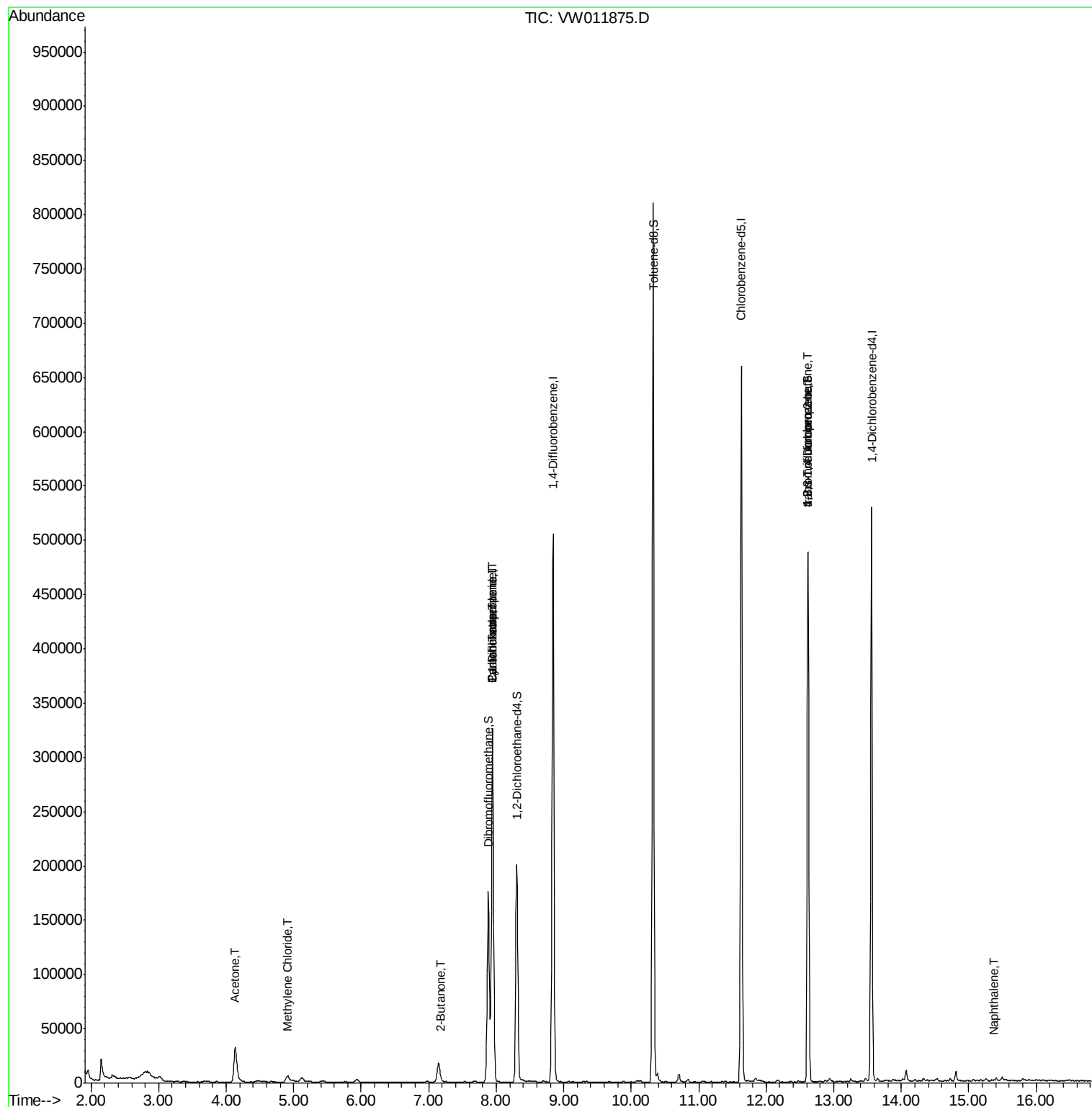
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	346757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	157668	58.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.94%	
35) Dibromofluoromethane	7.88	113	122671	55.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.66%	
50) Toluene-d8	10.32	98	508712	56.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.08%	
62) 4-Bromofluorobenzene	12.62	95	162491	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.21	59	1384	Below Cal	#	89
16) Acetone	4.14	43	65976	77.570	ug/l	97
20) Methylene Chloride	4.90	84	4203	1.433	ug/l #	88
25) 2-Butanone	7.18	43	1744	1.567	ug/l	97
31) Cyclohexane	7.95	56	6287	1.258	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20601	5.014	ug/l #	51
38) Carbon Tetrachloride	7.95	117	24214	6.884	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	86729	62.830	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86729	144.802	ug/l #	6
95) Naphthalene	15.37	128	846	2.223	ug/l #	92

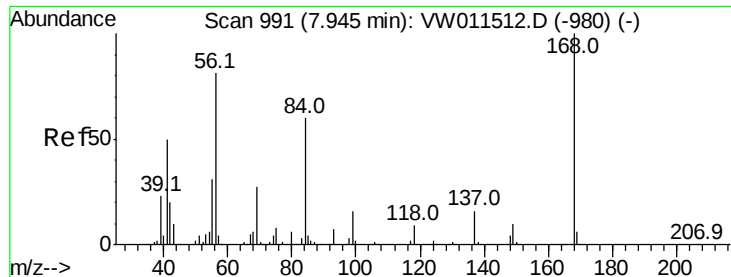
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081219\
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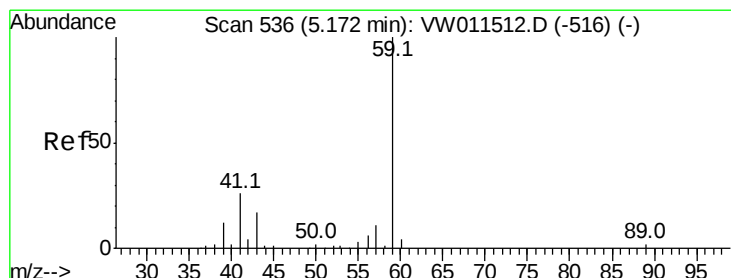
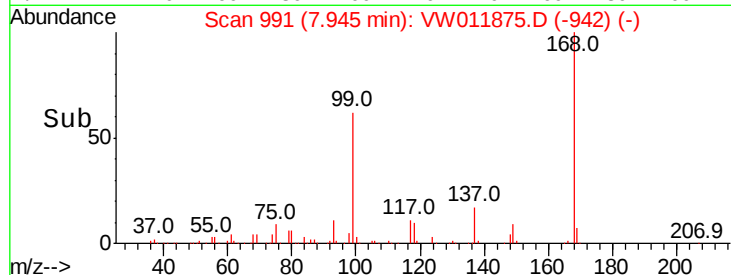
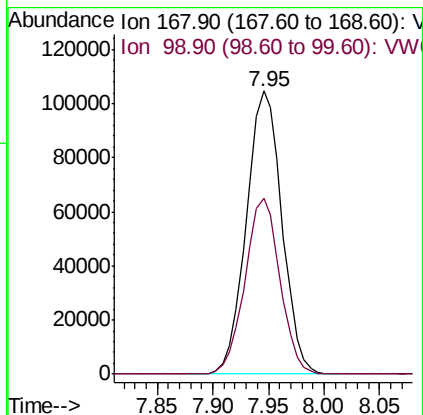
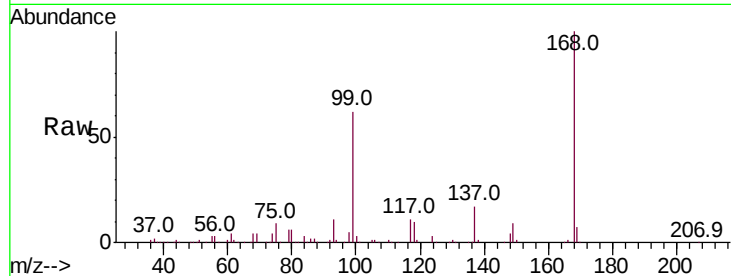


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VW011875.D
 Acq: 13 Aug 2019 02:54

Instrument :
 MSVOA_W
 ClientSampled :

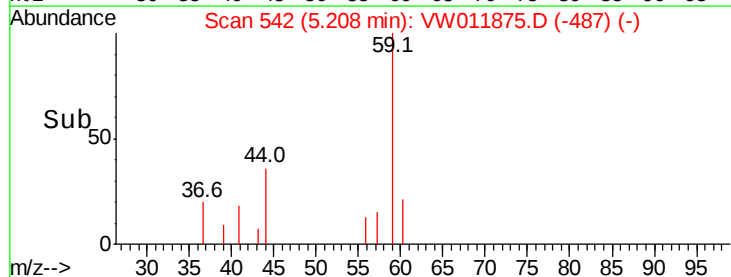
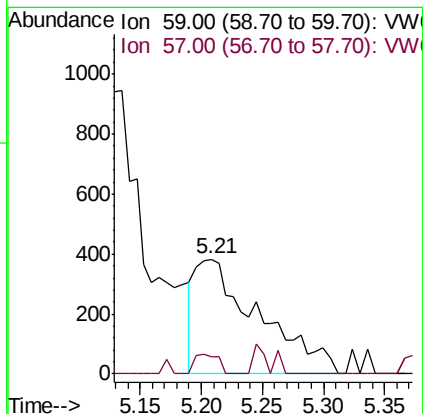
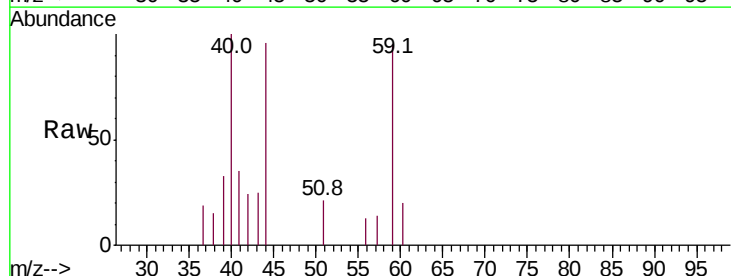
Tot Ion:168 Resp: 232855
 Ion Ratio Lower Upper
 168 100
 99 62.3 48.2 72.4

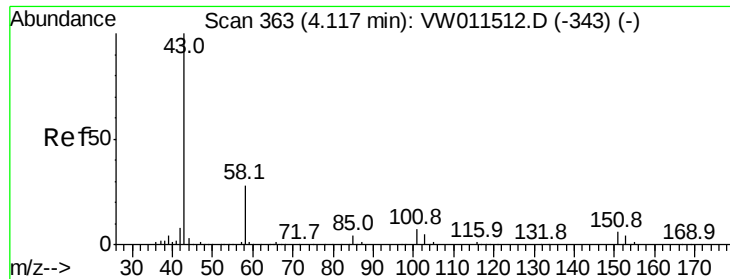


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.21 min Scan# 542
 Delta R.T. 0.04 min
 Lab File: VW011875.D
 Acq: 13 Aug 2019 02:54

Tgt Ion: 59 Resp: 1384
 Ion Ratio Lower Upper
 59 100
 57 6.4 8.5 12.7#





#16

Acetone

Concen: 77.570 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011875.D

Acq: 13 Aug 2019 02:54

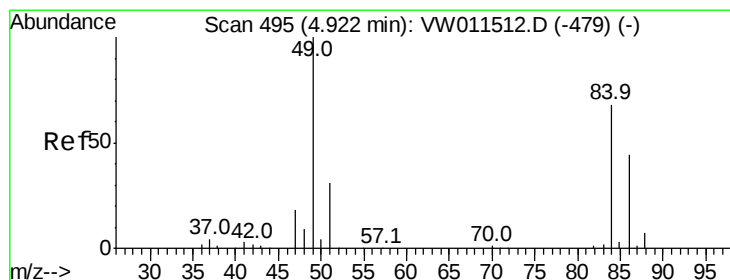
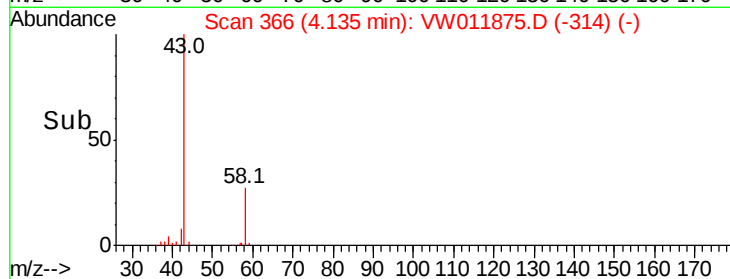
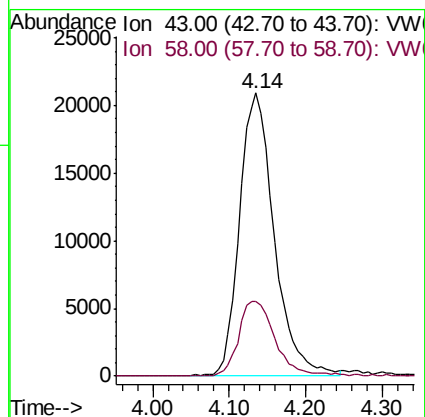
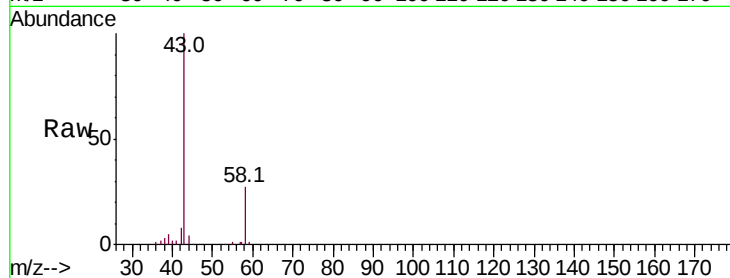
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 65976

Ion Ratio Lower Upper

43 100

58 26.3 22.3 33.5



#20

Methylene Chloride

Concen: 1.433 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW011875.D

Acq: 13 Aug 2019 02:54

Tgt Ion: 84 Resp: 4203

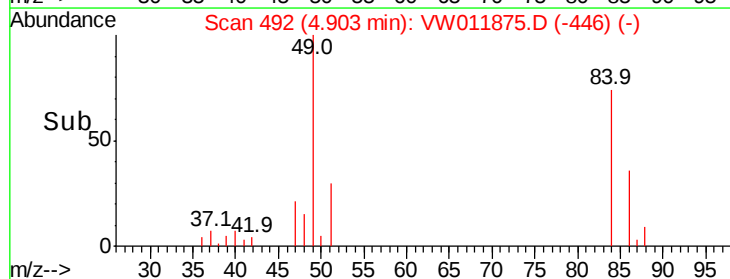
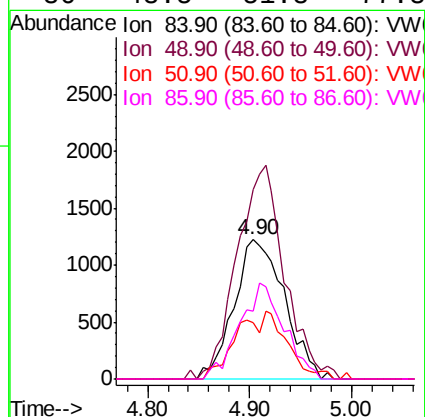
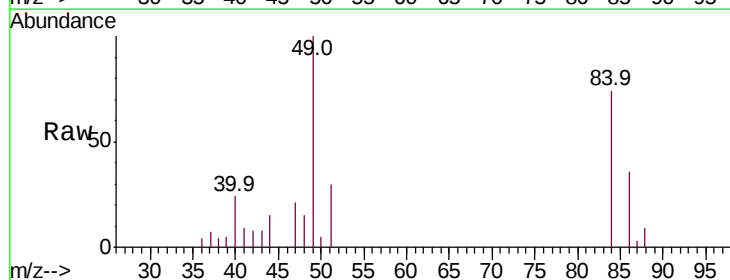
Ion Ratio Lower Upper

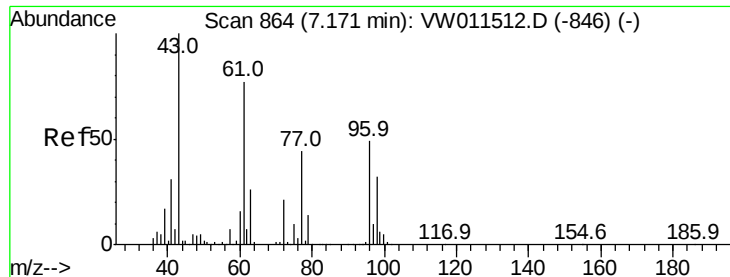
84 100

49 136.0 117.8 176.6

51 40.8 37.0 55.4

86 48.5 51.8 77.8#





#25

2-Butanone

Concen: 1.567 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW011875.D

Acq: 13 Aug 2019 02:54

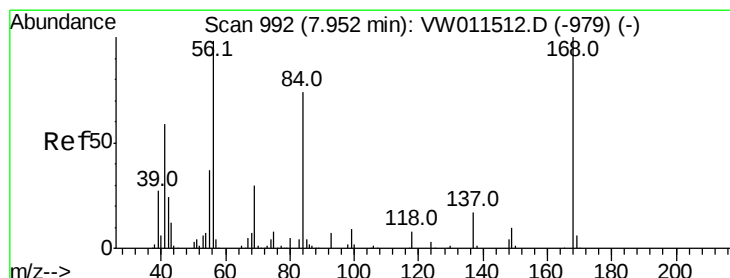
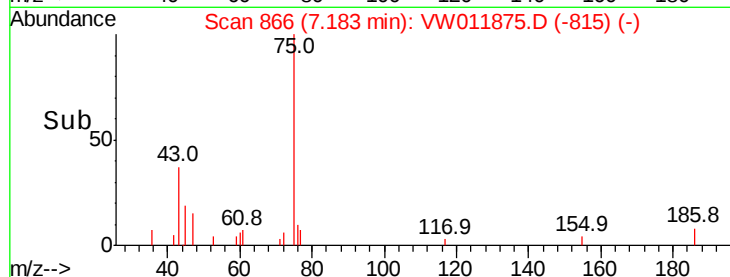
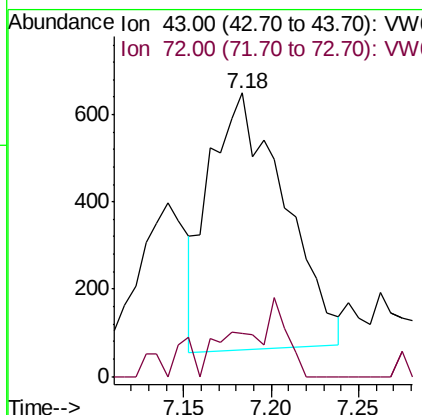
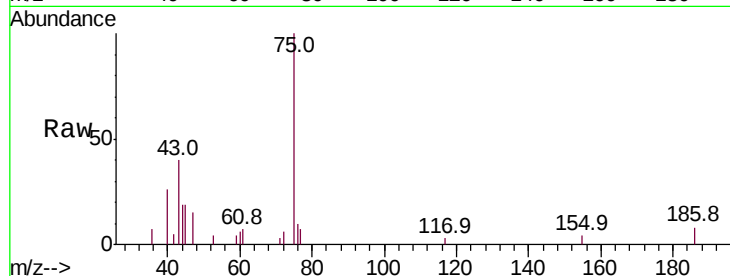
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1744

Ion Ratio Lower Upper

43 100

72 19.3 16.6 24.8



#31

Cyclohexane

Concen: 1.258 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011875.D

Acq: 13 Aug 2019 02:54

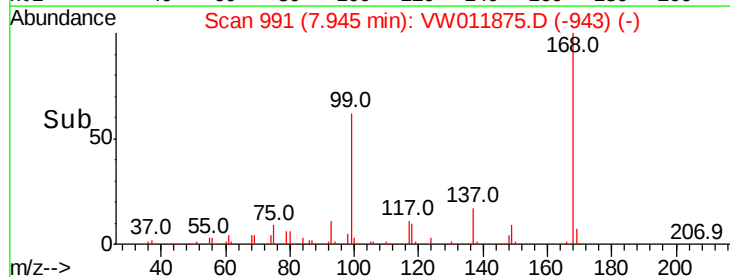
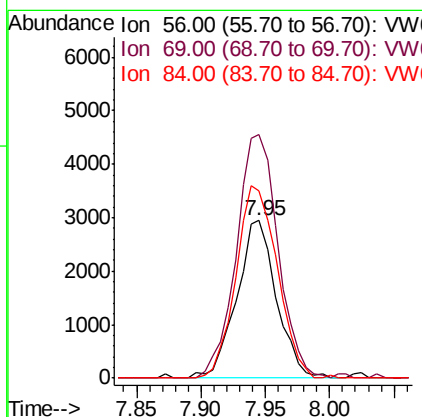
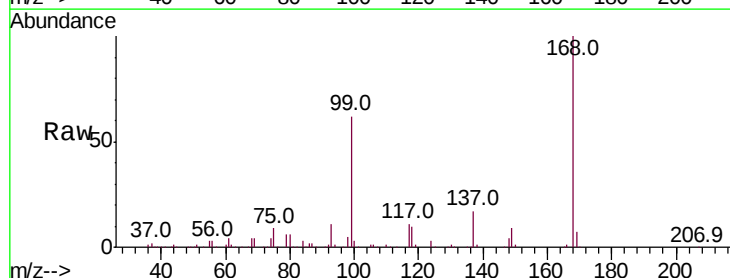
Tgt Ion: 56 Resp: 6287

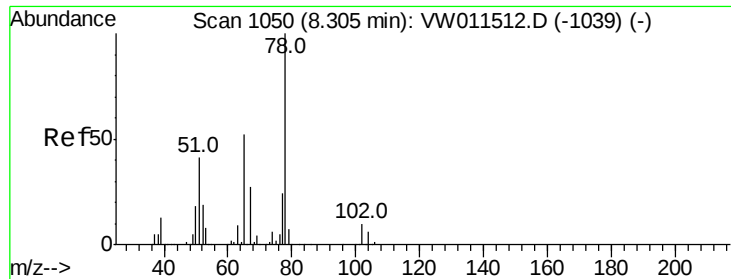
Ion Ratio Lower Upper

56 100

69 154.4 24.3 36.5#

84 118.8 60.4 90.6#





#33

1,2-Dichloroethane-d4

Concen: 58.967 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011875.D

Acq: 13 Aug 2019 02:54

Instrument :

MSVOA_W

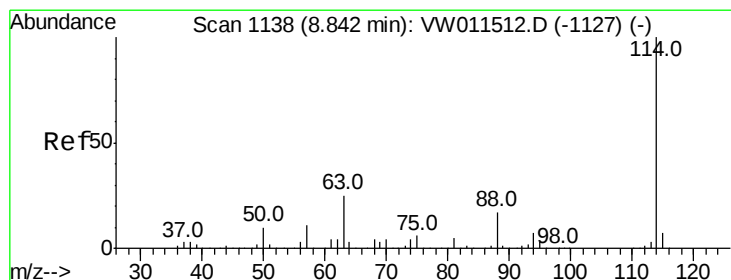
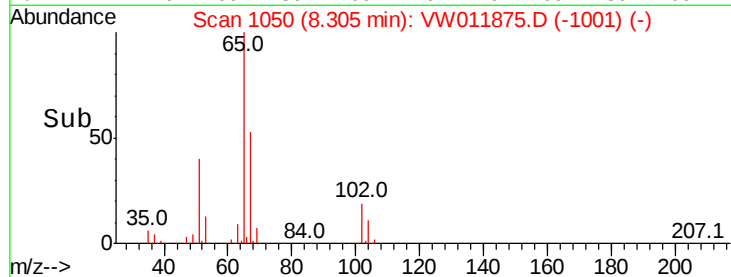
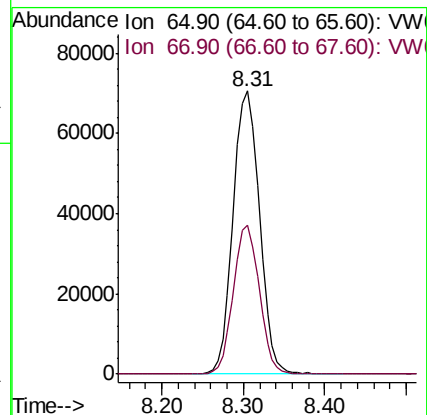
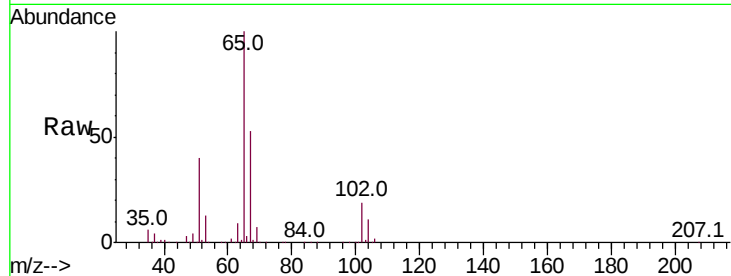
ClientSampleId :

Tot Ion: 65 Resp: 157668

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011875.D

Acq: 13 Aug 2019 02:54

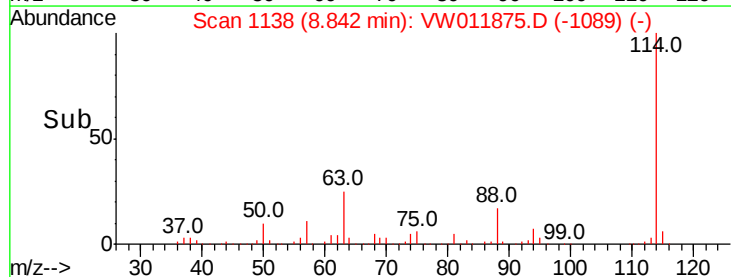
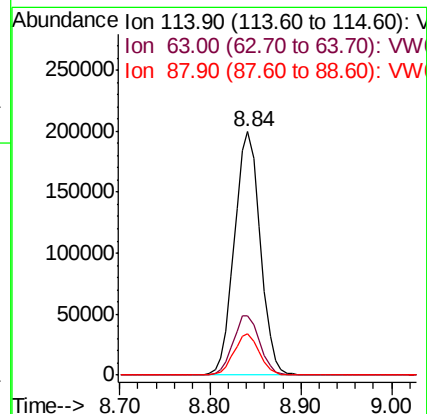
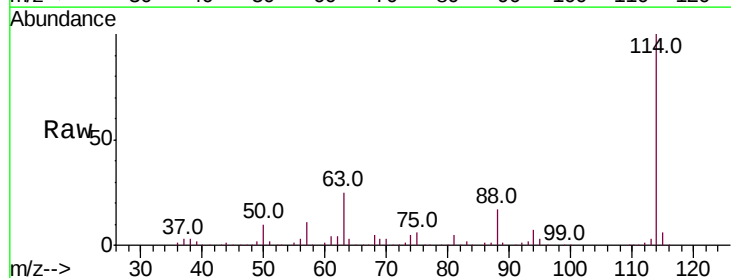
Tgt Ion: 114 Resp: 395175

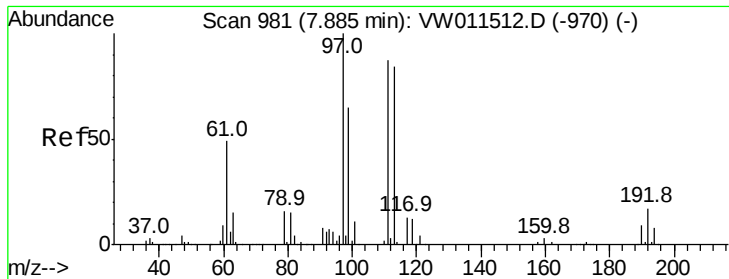
Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

88 16.8 0.0 33.8

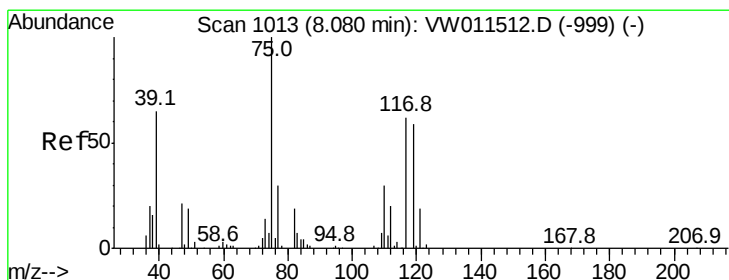
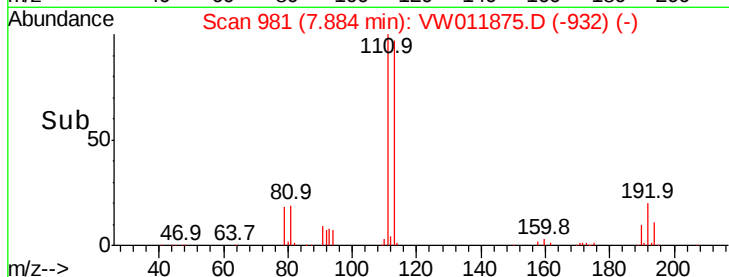
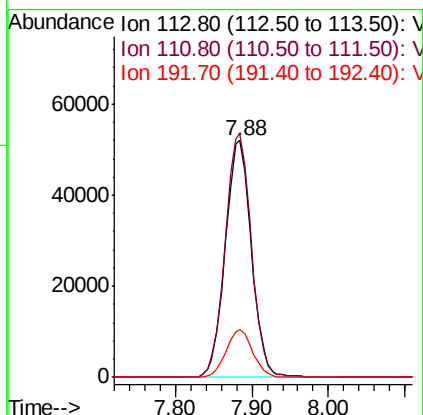
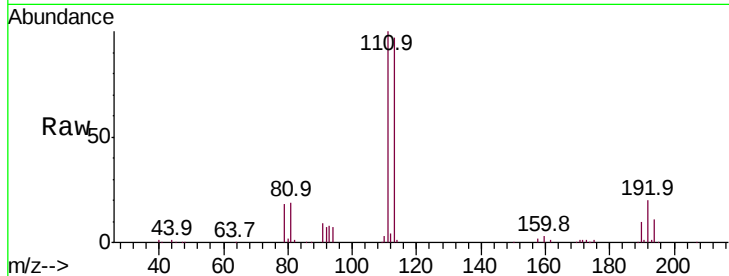




#35
 Dibromofluoromethane
 Concen: 55.332 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011875.D
 Acq: 13 Aug 2019 02:54

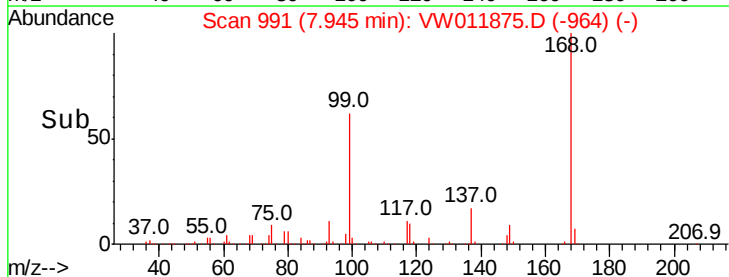
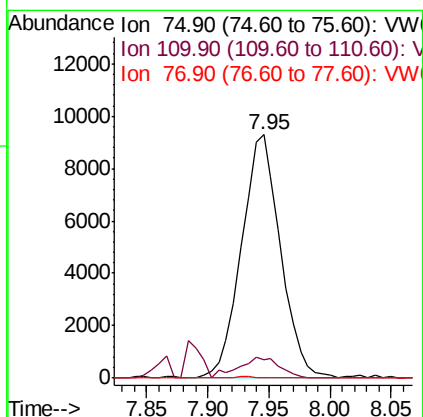
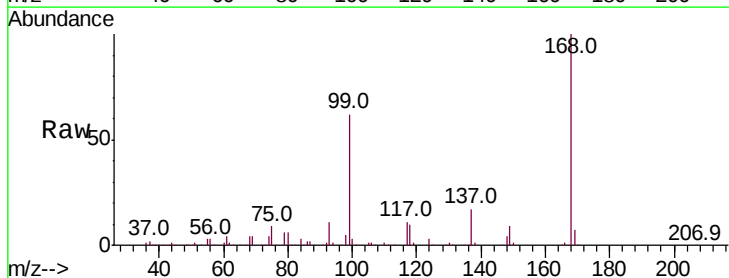
Instrument :
 MSVOA_W
 ClientSampleId :

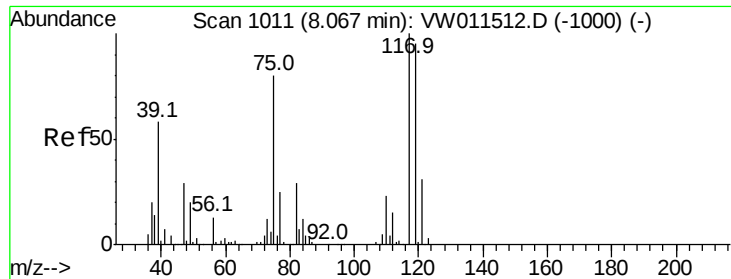
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	20.4	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 5.014 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011875.D
 Acq: 13 Aug 2019 02:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	15.6	46.8#
77	0.2	24.3	36.5#

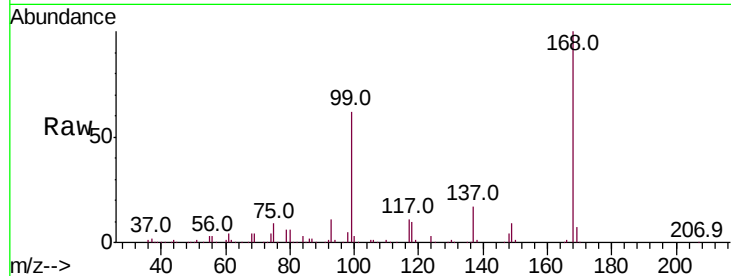




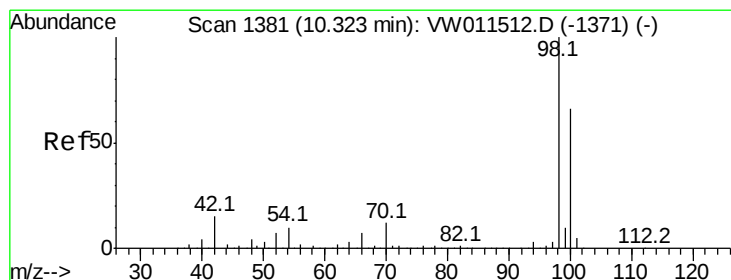
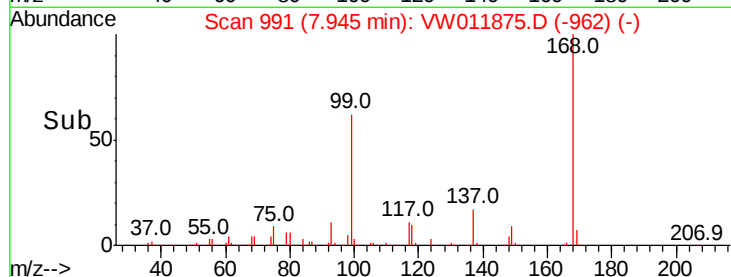
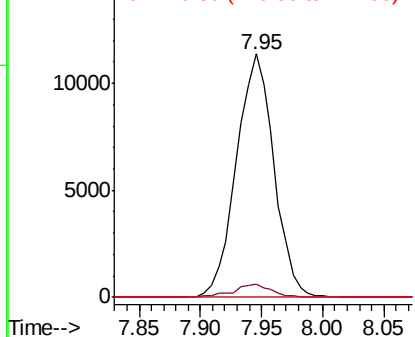
#38
Carbon Tetrachloride
Concen: 6.884 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011875.D
Acq: 13 Aug 2019 02:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 24214
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.7 37.1#

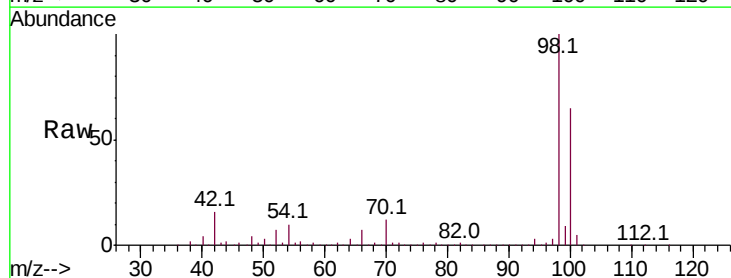


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

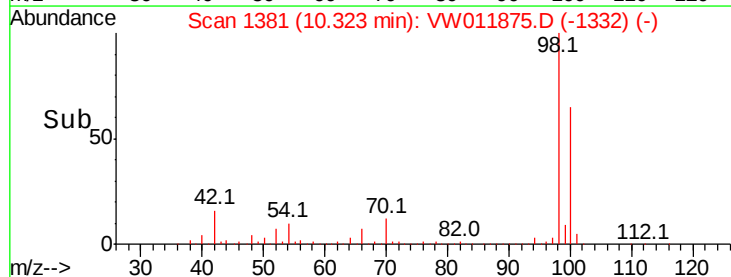
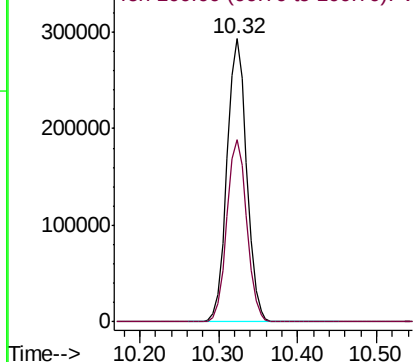


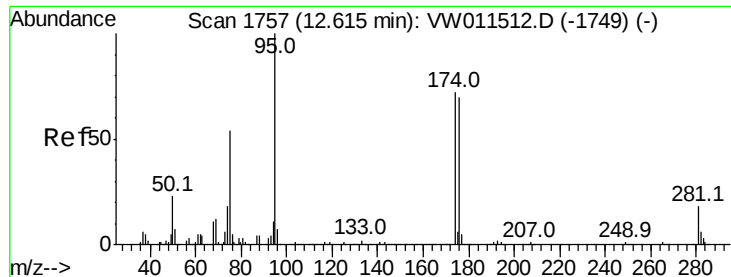
#50
Toluene-d8
Concen: 56.044 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011875.D
Acq: 13 Aug 2019 02:54

Tgt Ion: 98 Resp: 508712
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



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

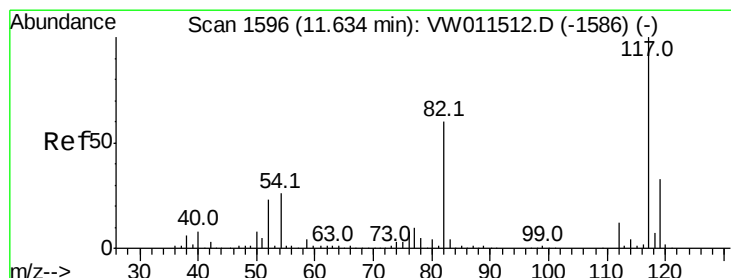
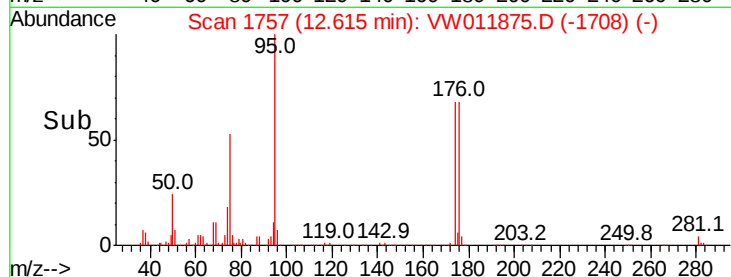
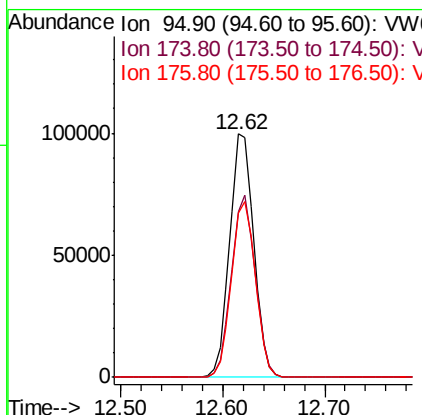
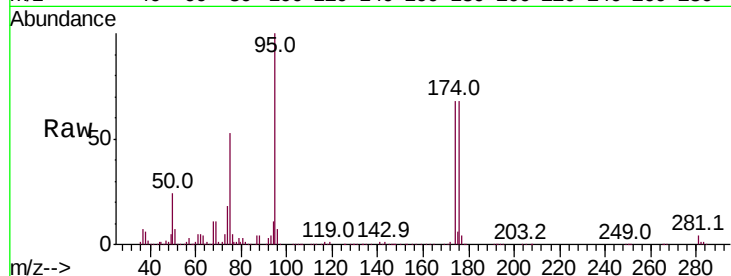




#62
4-Bromofluorobenzene
Concen: 50.211 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011875.D
Acq: 13 Aug 2019 02:54

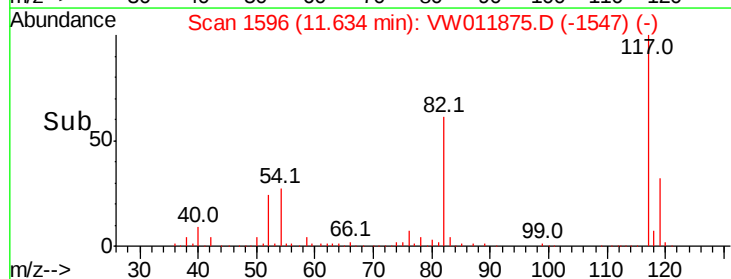
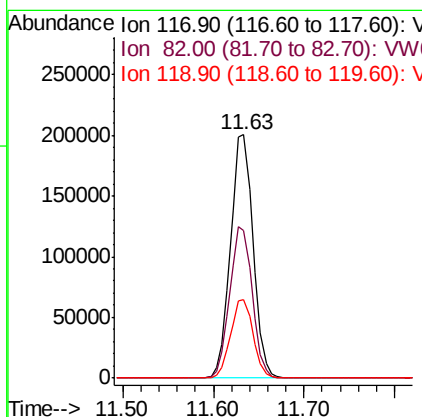
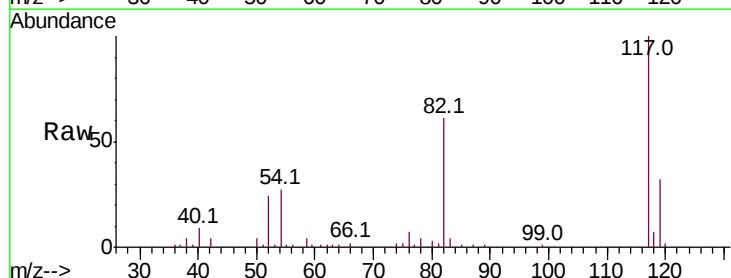
Instrument :
MSVOA_W
ClientSampled :

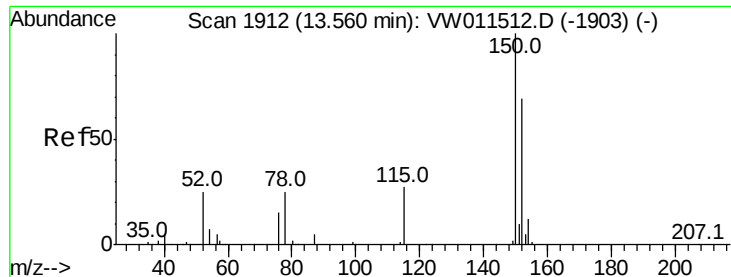
Tot Ion: 95 Resp: 162491
Ion Ratio Lower Upper
95 100
174 73.8 0.0 150.2
176 71.8 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011875.D
Acq: 13 Aug 2019 02:54

Tgt Ion: 117 Resp: 346757
Ion Ratio Lower Upper
117 100
82 60.9 47.9 71.9
119 32.3 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011875.D

Acq: 13 Aug 2019 02:54

Instrument :

MSVOA_W

ClientSampleId :

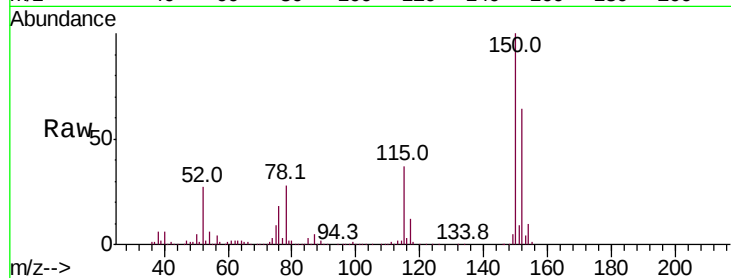
Tot Ion:152 Resp: 130456

Ion Ratio Lower Upper

152 100

115 60.6 30.5 91.5

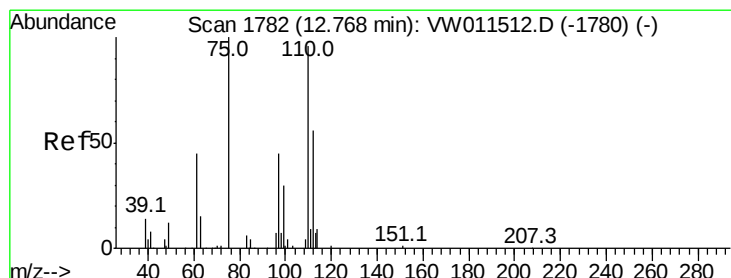
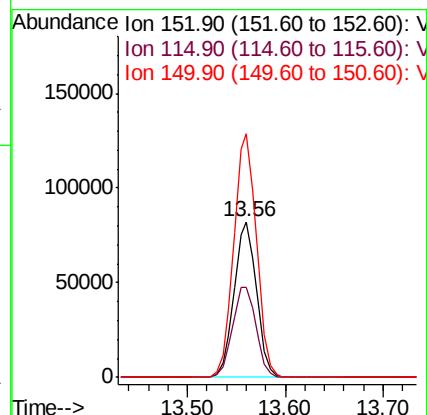
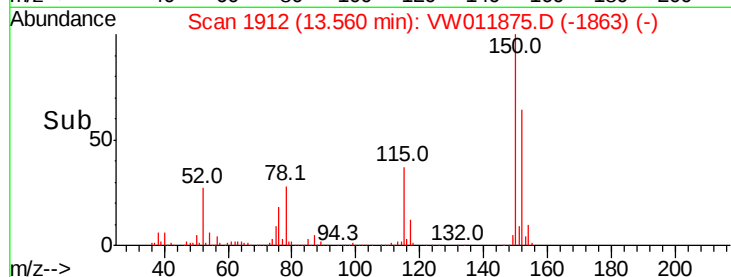
150 158.5 0.0 352.6



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: 62.830 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011875.D

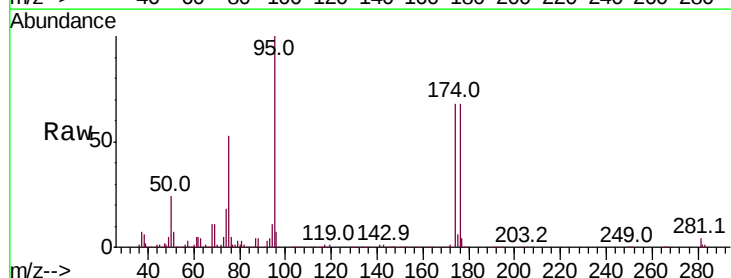
Acq: 13 Aug 2019 02:54

Tgt Ion: 75 Resp: 86729

Ion Ratio Lower Upper

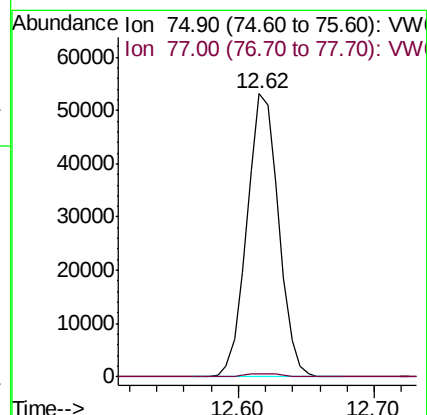
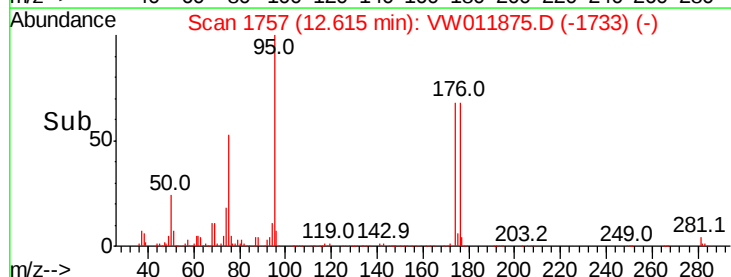
75 100

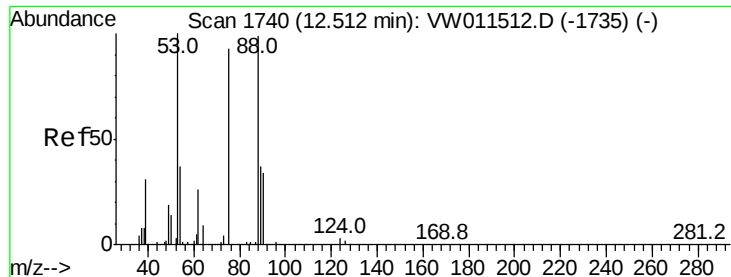
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

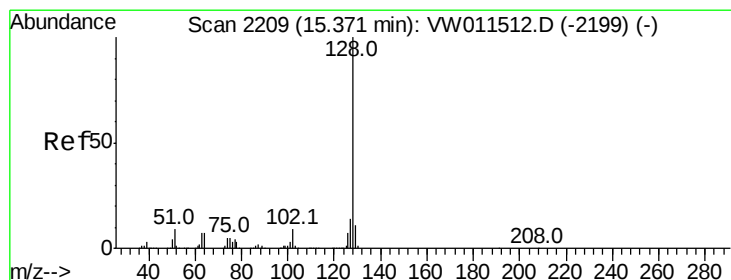
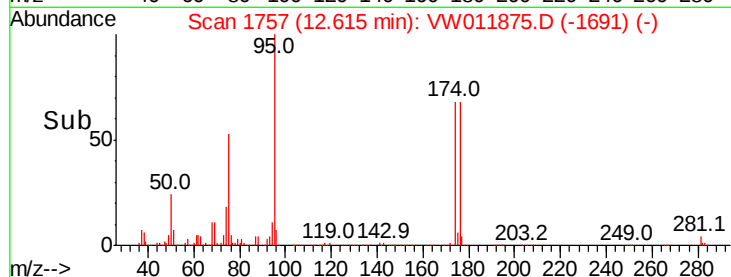
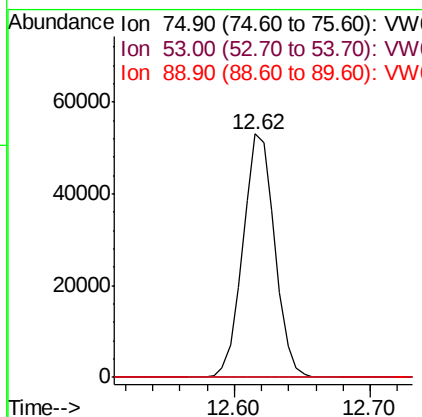
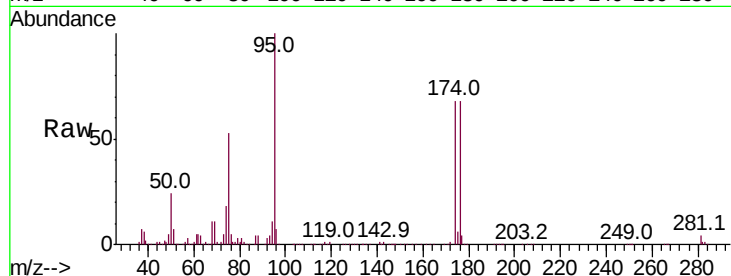




#81
trans-1,4-Dichloro-2-butene
Concen: 144.802 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011875.D
Acq: 13 Aug 2019 02:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.1	88.0	132.0#
89	0.1	35.3	52.9#



#95
Naphthalene
Concen: 2.223 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011875.D
Acq: 13 Aug 2019 02:54

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.6	16.0
129	6.4	8.6	13.0#

