

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011881.D
 Acq On : 13 Aug 2019 05:28
 Operator : SY/VA
 Sample : K4230-11
 Misc : 6.14G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 09:26:19 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

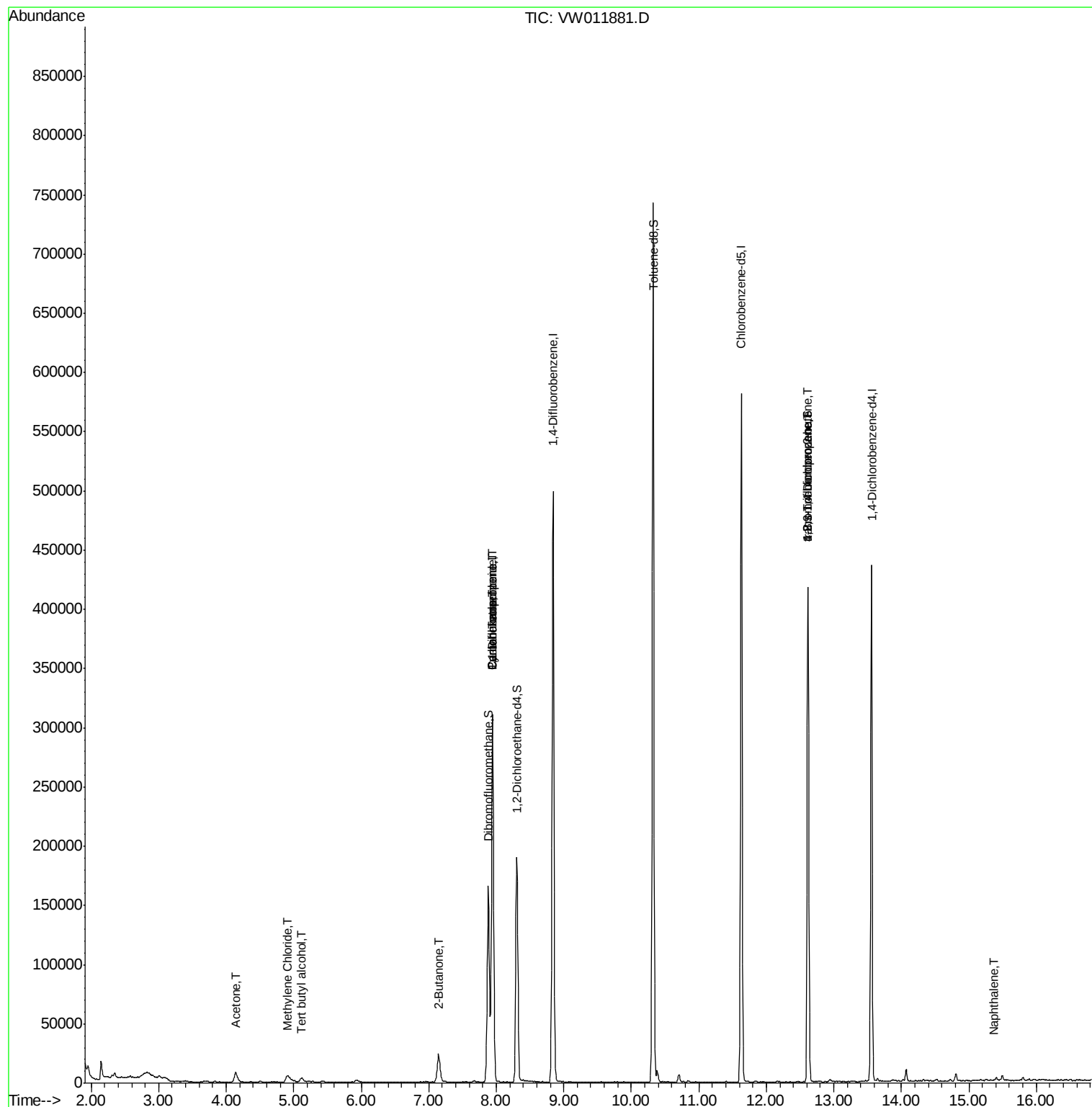
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380141	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152759	58.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.92%	
35) Dibromofluoromethane	7.88	113	117697	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
50) Toluene-d8	10.32	98	459934	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.62	95	137218	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.11	59	3664	1.433	ug/l #	72
16) Acetone	4.14	43	17236	20.913	ug/l	99
20) Methylene Chloride	4.90	84	4132	1.454	ug/l	94
25) 2-Butanone	7.15	43	1828	1.695	ug/l #	91
31) Cyclohexane	7.95	56	6057	1.250	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19852	5.022	ug/l #	52
38) Carbon Tetrachloride	7.95	117	22814	6.742	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	73869	64.233	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73869	148.035	ug/l #	6
95) Naphthalene	15.37	128	283	2.129	ug/l #	88

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081219\
Data File : VW011881.D
Acq On : 13 Aug 2019 05:28
Operator : SY/VA
Sample : K4230-11
Misc : 6.14G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 13 09:26:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011881.D

Acq: 13 Aug 2019 05:28

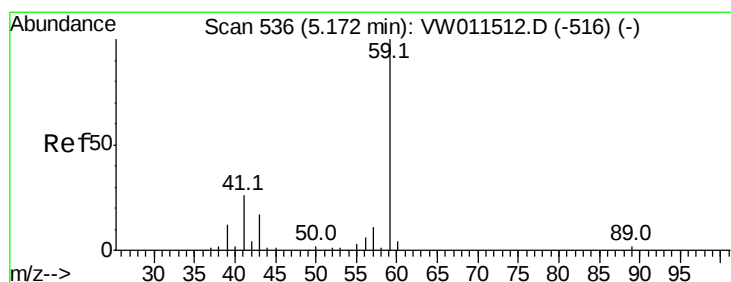
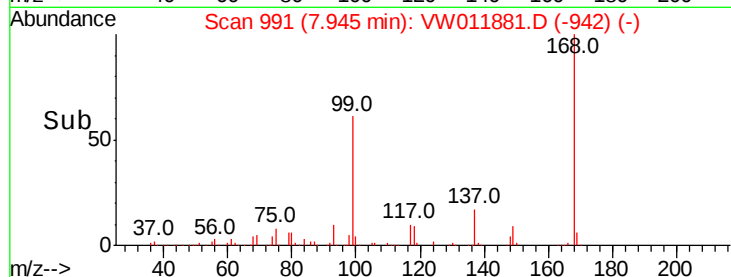
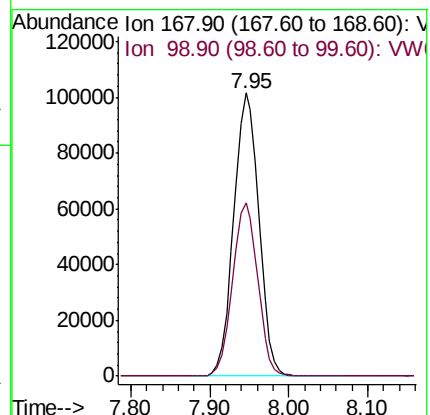
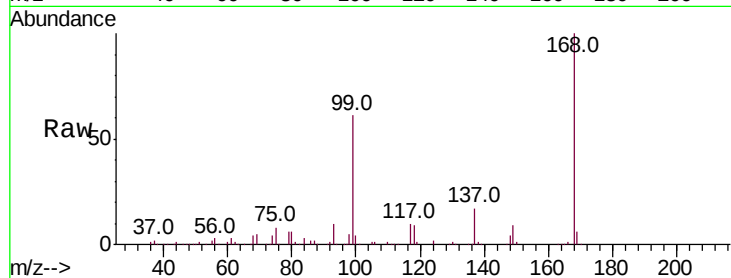
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 225636

Ion Ratio Lower Upper

168 100

99 61.3 48.2 72.4



#11

Tert butyl alcohol

Concen: 1.433 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.06 min

Lab File: VW011881.D

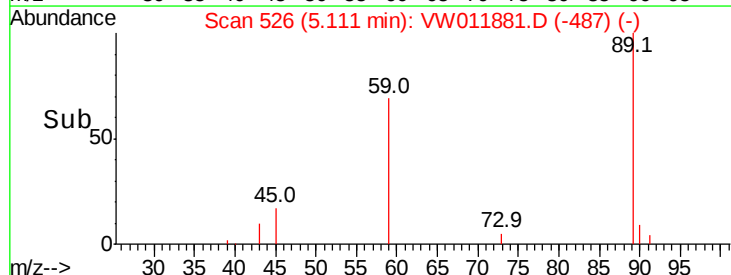
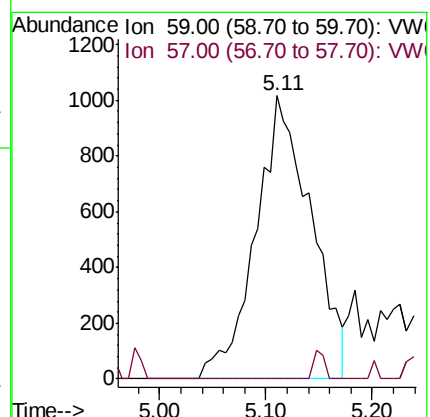
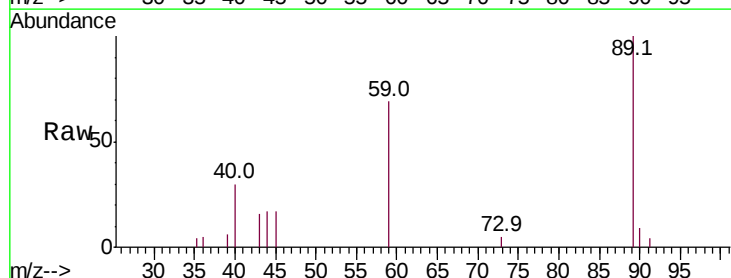
Acq: 13 Aug 2019 05:28

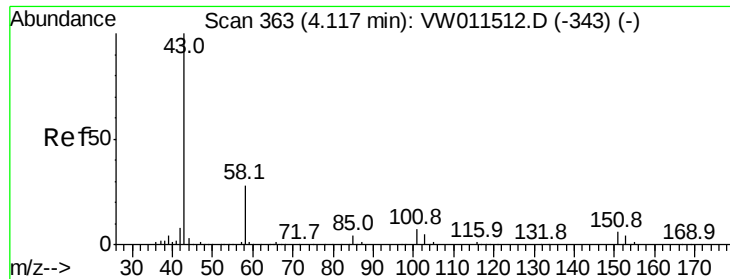
Tgt Ion: 59 Resp: 3664

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#16

Acetone

Concen: 20.913 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011881.D

Acq: 13 Aug 2019 05:28

Instrument :

MSVOA_W

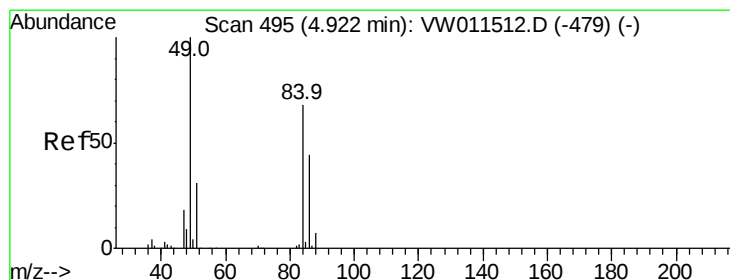
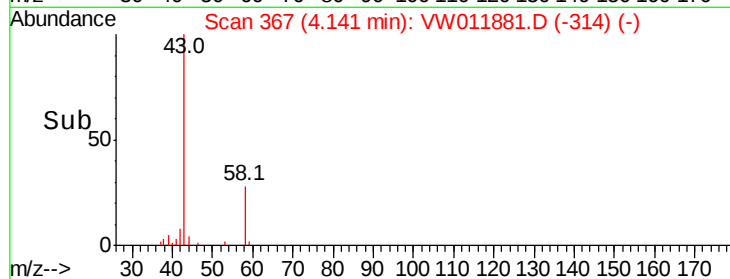
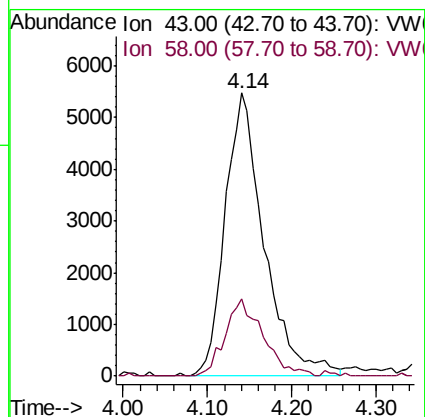
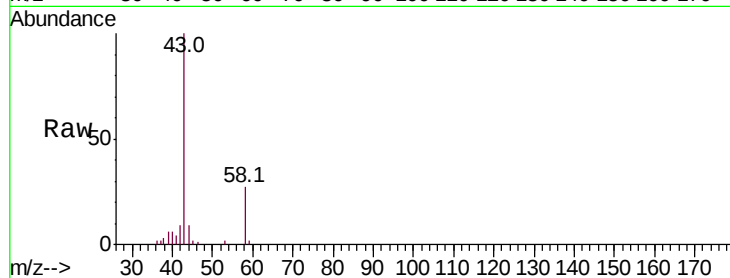
ClientSampleId :

Tot Ion: 43 Resp: 17236

Ion Ratio Lower Upper

43 100

58 27.1 22.3 33.5



#20

Methylene Chloride

Concen: 1.454 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW011881.D

Acq: 13 Aug 2019 05:28

Tgt Ion: 84 Resp: 4132

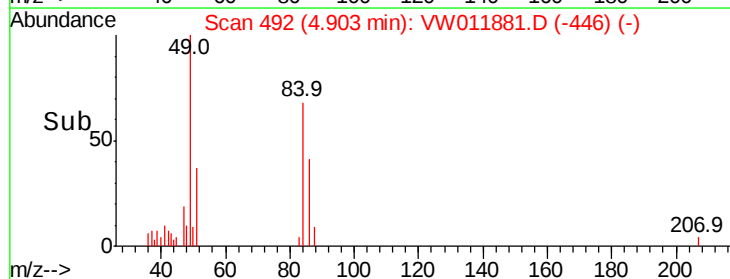
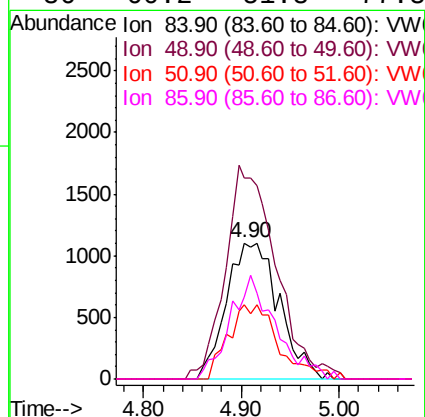
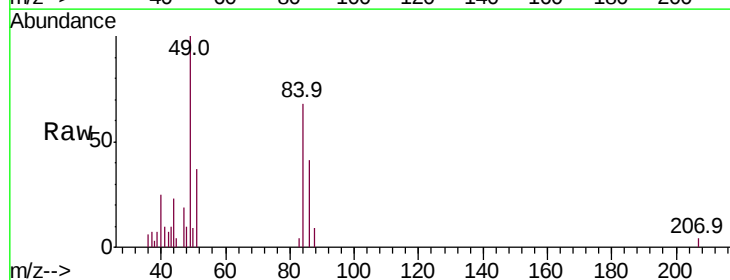
Ion Ratio Lower Upper

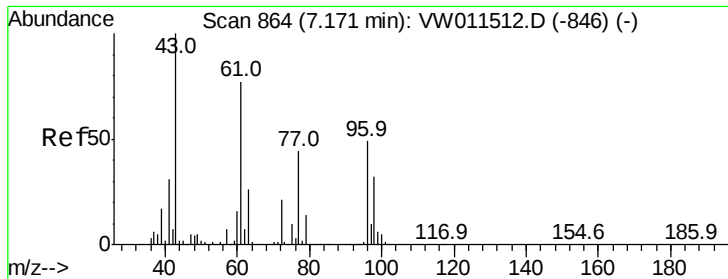
84 100

49 143.0 117.8 176.6

51 54.9 37.0 55.4

86 60.2 51.8 77.8





#25

2-Butanone

Concen: 1.695 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW011881.D

Acq: 13 Aug 2019 05:28

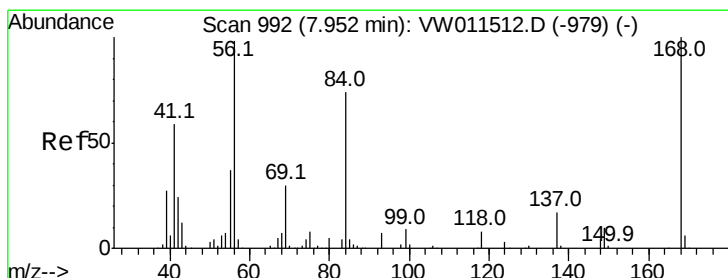
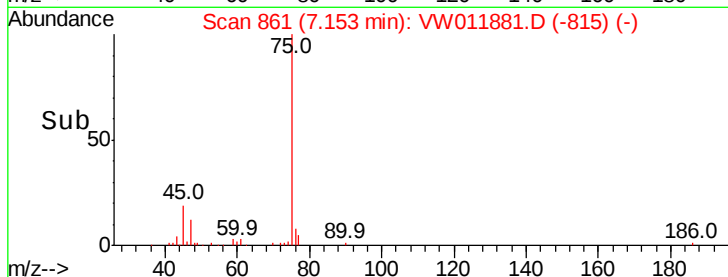
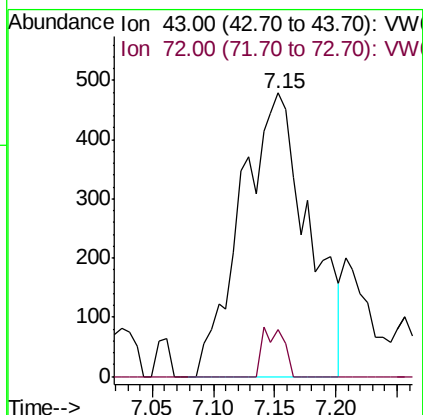
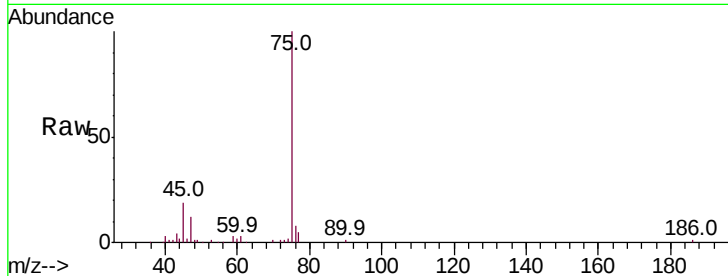
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 1828

Ion Ratio Lower Upper

43 100

72 16.3 16.6 24.8#



#31

Cyclohexane

Concen: 1.250 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011881.D

Acq: 13 Aug 2019 05:28

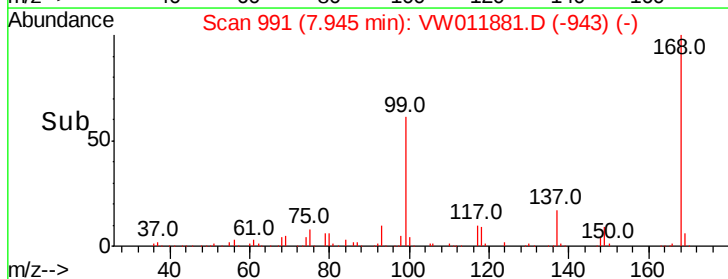
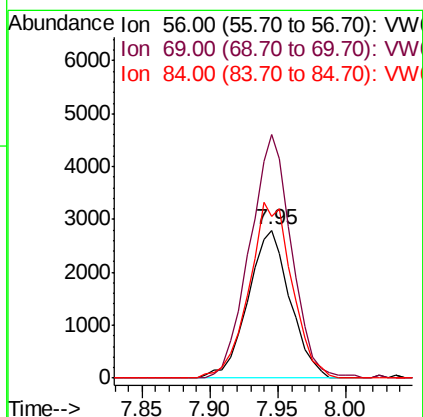
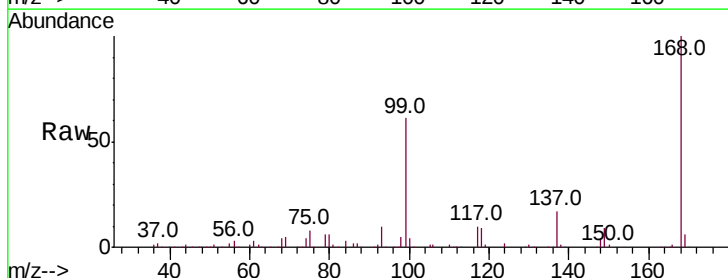
Tgt Ion: 56 Resp: 6057

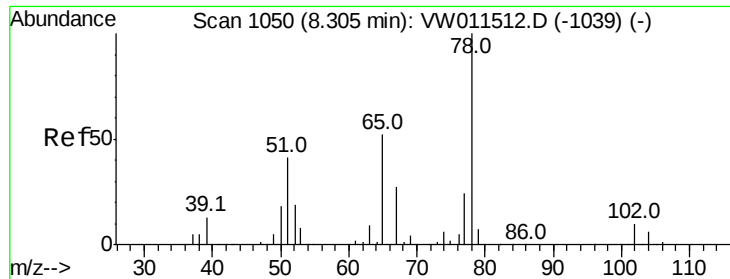
Ion Ratio Lower Upper

56 100

69 164.7 24.3 36.5#

84 109.8 60.4 90.6#

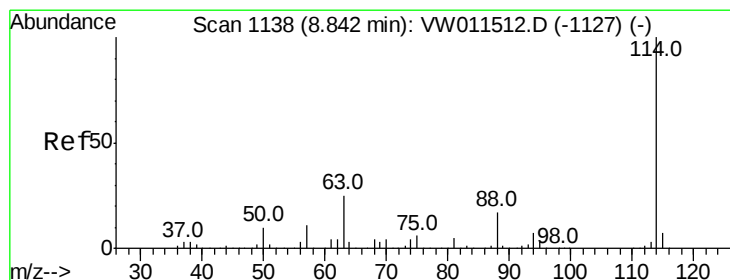
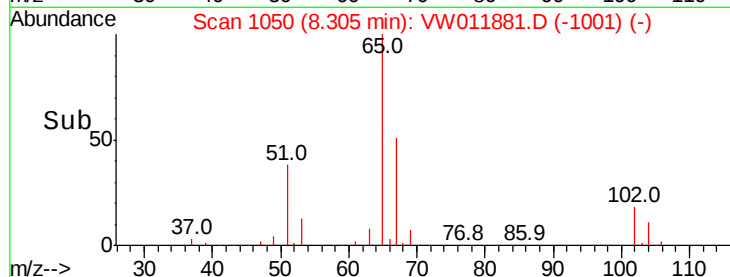
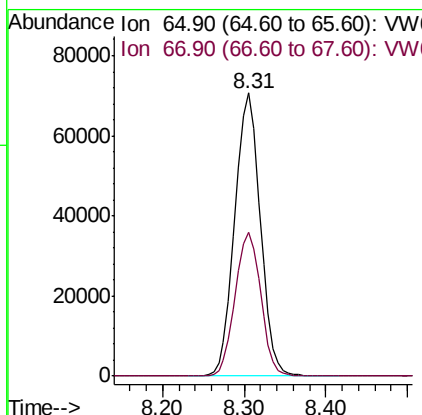
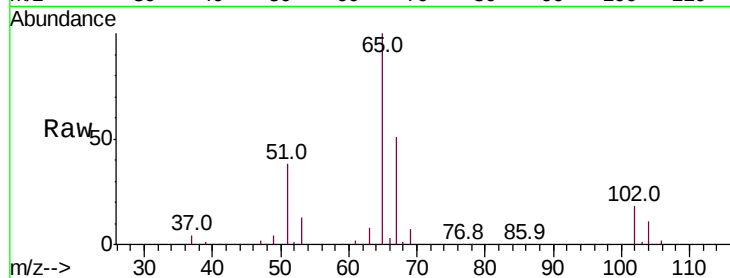




#33
 1,2-Dichloroethane-d4
 Concen: 58.959 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011881.D
 Acq: 13 Aug 2019 05:28

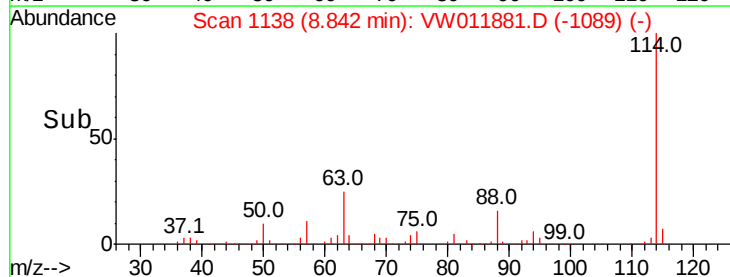
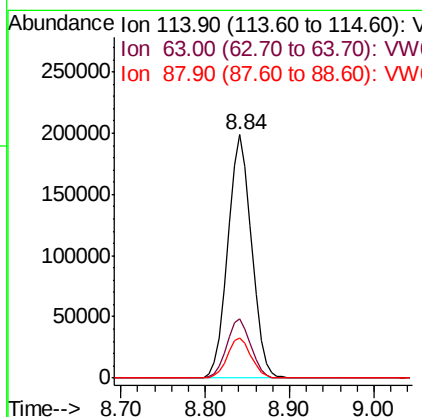
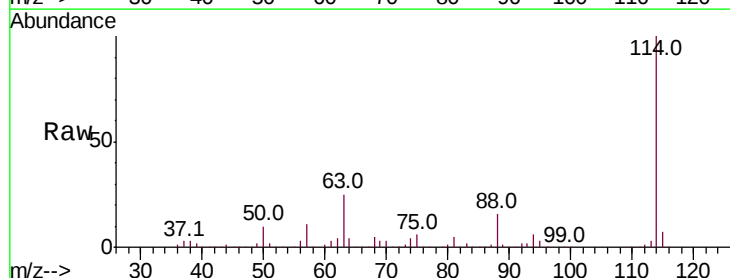
Instrument :
 MSVOA_W
 ClientSampleId :

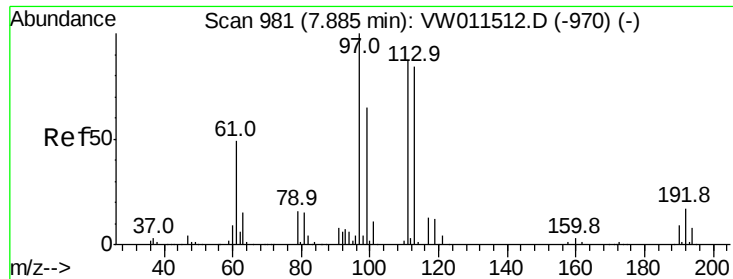
Tot Ion: 65 Resp: 152759
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011881.D
 Acq: 13 Aug 2019 05:28

Tgt Ion: 114 Resp: 380141
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.4 0.0 33.8

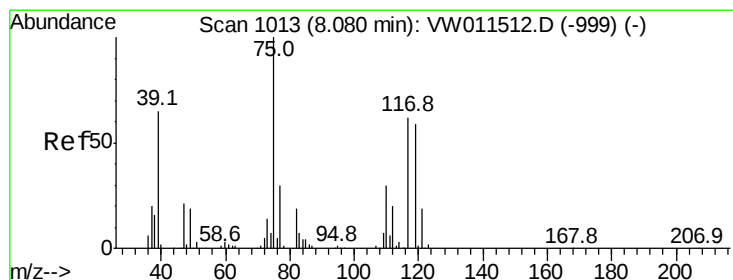
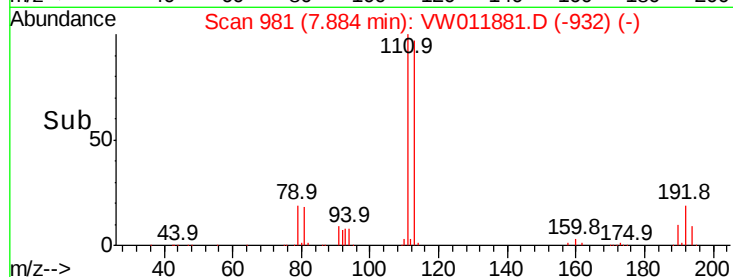
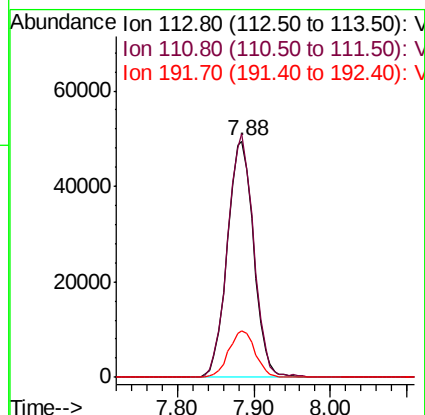
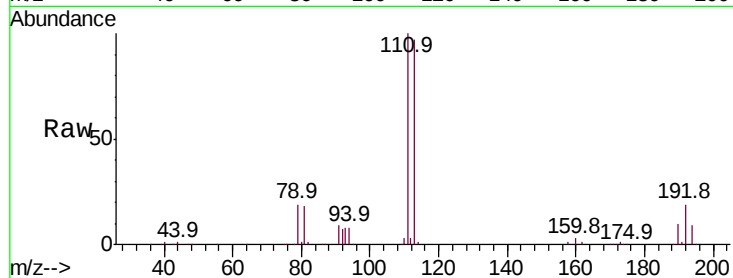




#35
 Dibromofluoromethane
 Concen: 55.188 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011881.D
 Acq: 13 Aug 2019 05:28

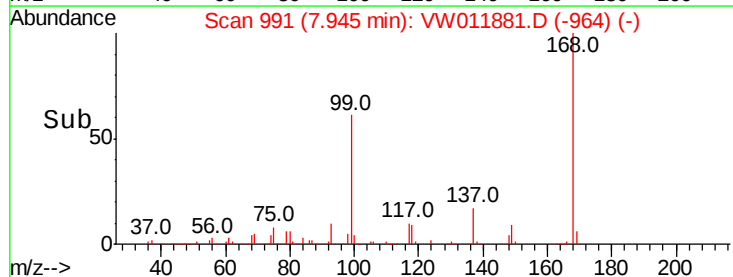
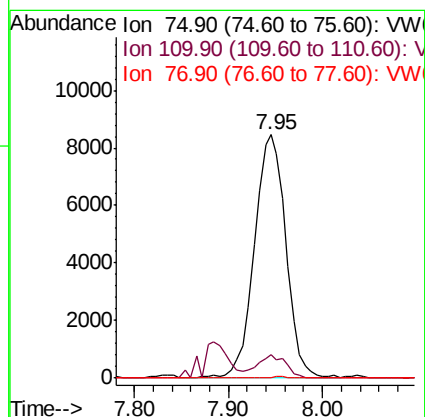
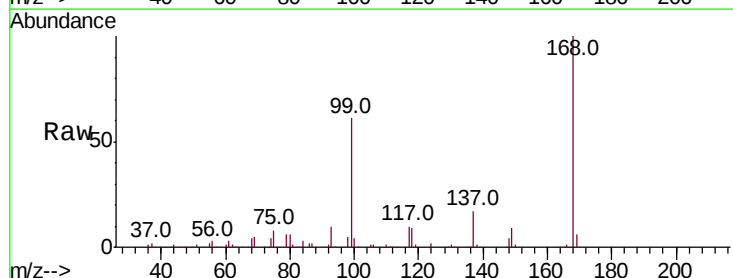
Instrument :
 MSVOA_W
 ClientSampled :

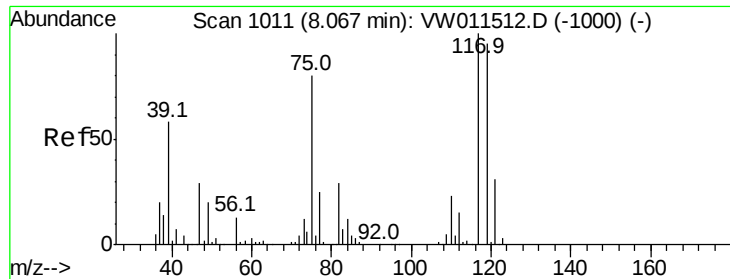
Tot Ion:113 Resp: 117697
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.7 124.1
 192 19.7 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 5.022 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011881.D
 Acq: 13 Aug 2019 05:28

Tgt Ion: 75 Resp: 19852
 Ion Ratio Lower Upper
 75 100
 110 8.6 15.6 46.8#
 77 0.3 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.742 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011881.D

Acq: 13 Aug 2019 05:28

Instrument :

MSVOA_W

ClientSampleId :

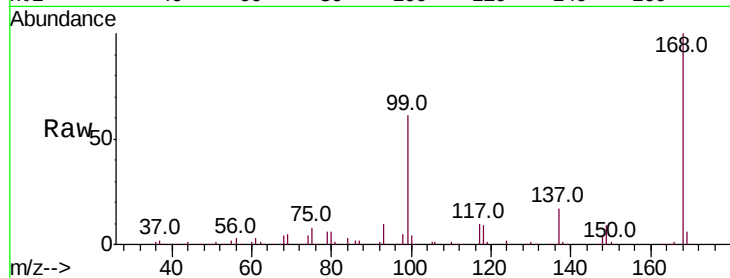
Tot Ion:117 Resp: 22814

Ion Ratio Lower Upper

117 100

119 6.0 75.8 113.6#

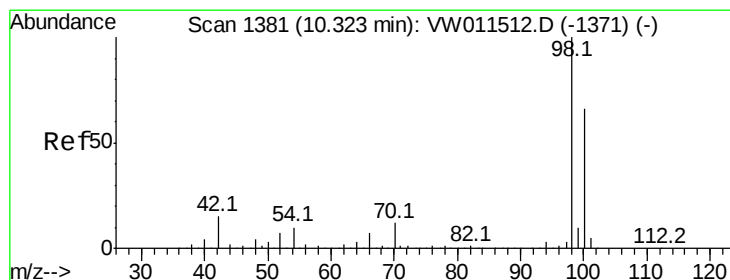
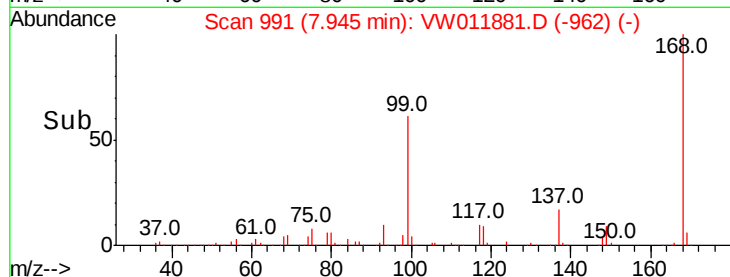
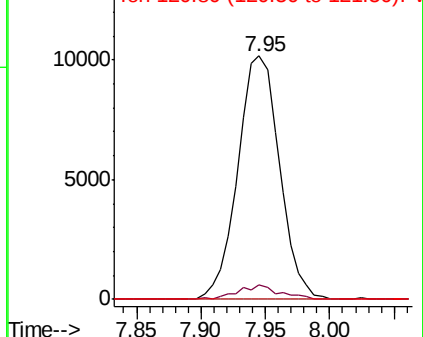
121 0.0 24.7 37.1#



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: 52.674 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011881.D

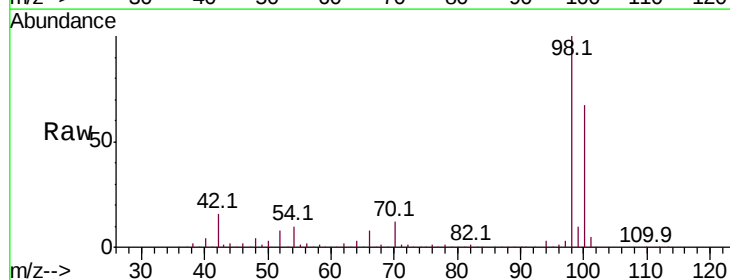
Acq: 13 Aug 2019 05:28

Tgt Ion: 98 Resp: 459934

Ion Ratio Lower Upper

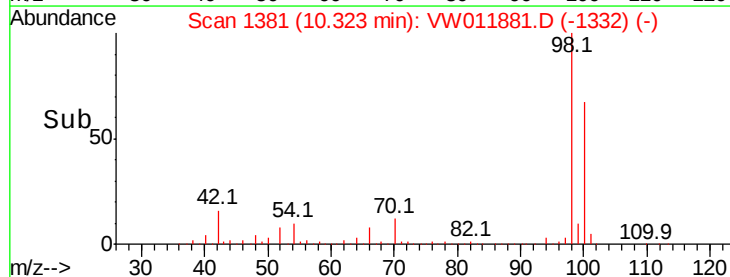
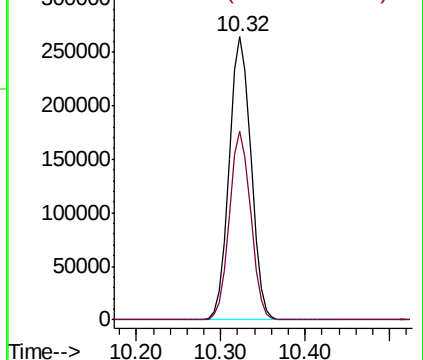
98 100

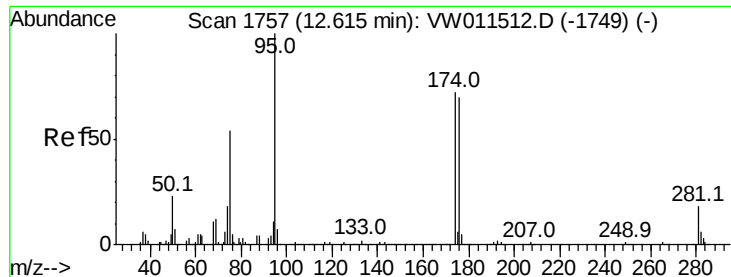
100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

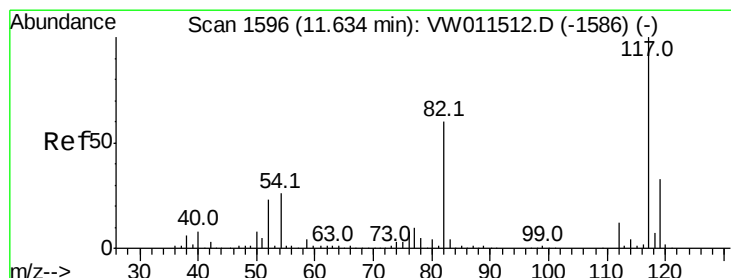
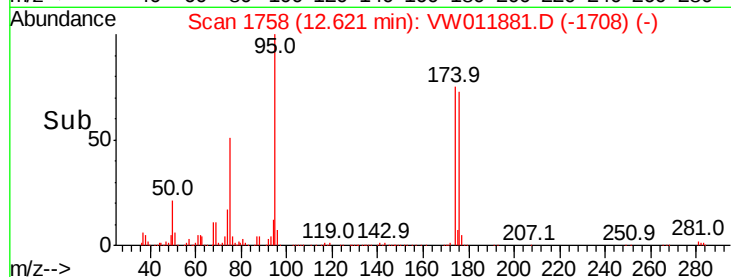
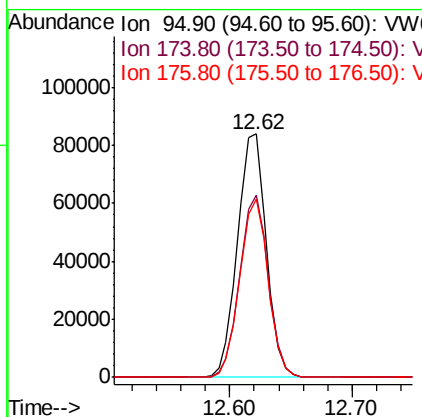
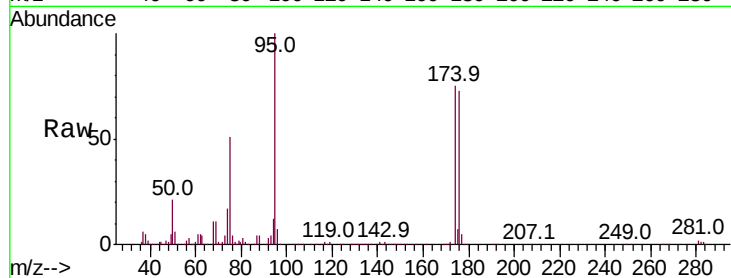




#62
4-Bromofluorobenzene
Concen: 44.079 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011881.D
Acq: 13 Aug 2019 05:28

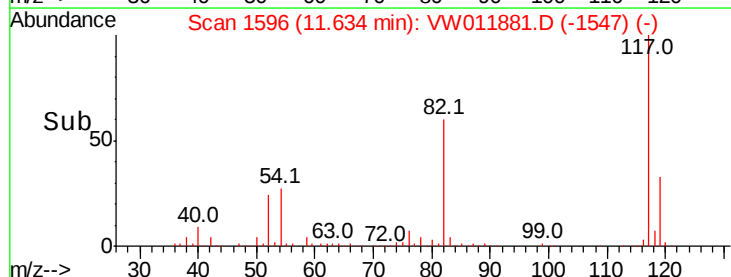
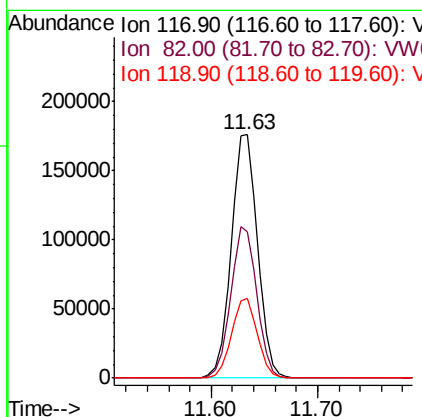
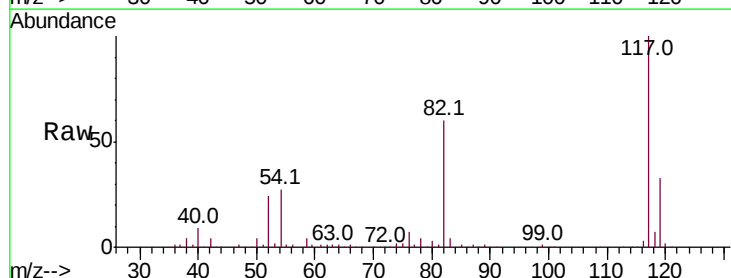
Instrument :
MSVOA_W
ClientSampled :

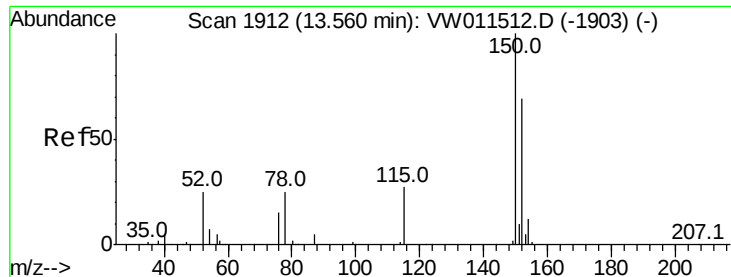
Tot Ion: 95 Resp: 137218
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.2
176 72.0 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011881.D
Acq: 13 Aug 2019 05:28

Tgt Ion: 117 Resp: 304474
Ion Ratio Lower Upper
117 100
82 60.3 47.9 71.9
119 32.9 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: VW011881.D

Acq: 13 Aug 2019 05:28

Instrument :

MSVOA_W

ClientSampleId :

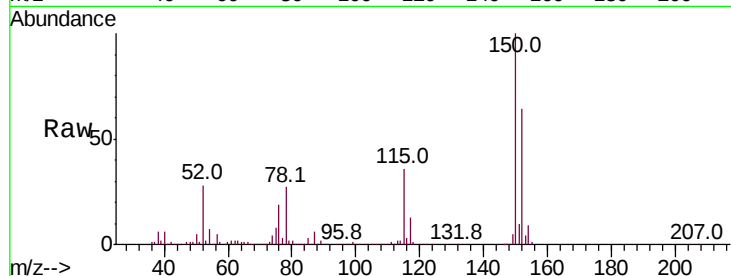
Tot Ion:152 Resp: 108685

Ion Ratio Lower Upper

152 100

115 59.5 30.5 91.5

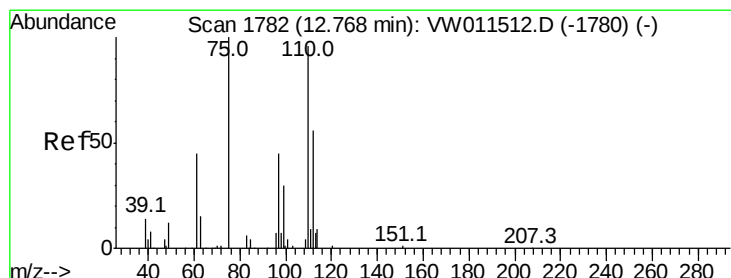
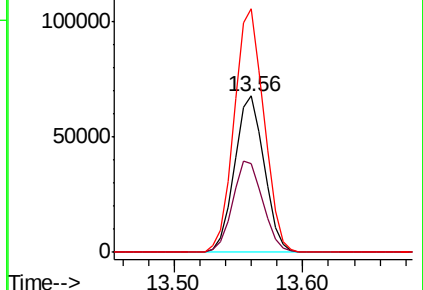
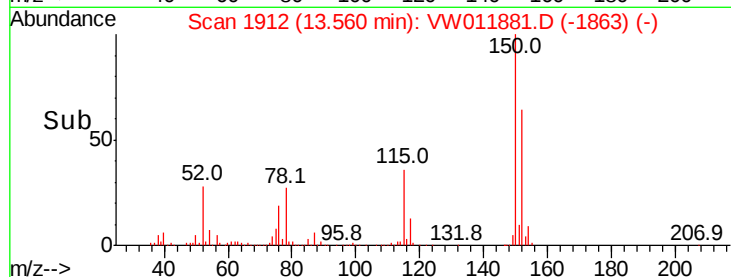
150 156.1 0.0 352.6



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: 64.233 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011881.D

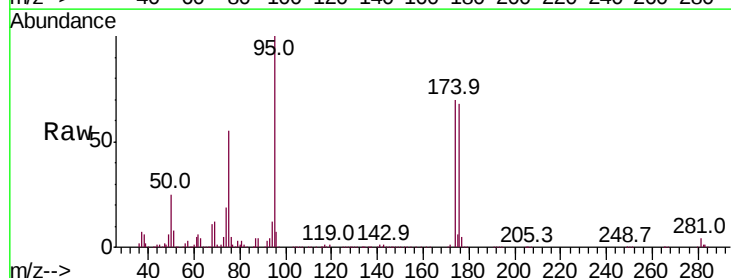
Acq: 13 Aug 2019 05:28

Tgt Ion: 75 Resp: 73869

Ion Ratio Lower Upper

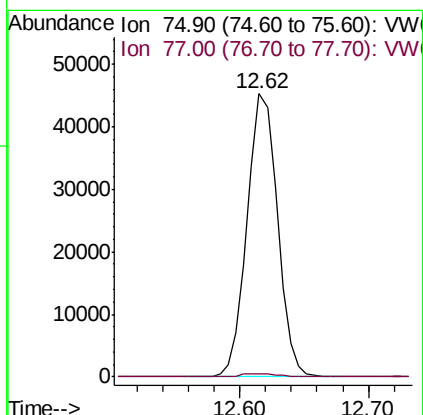
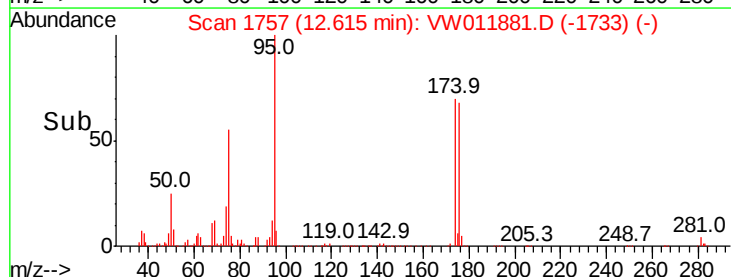
75 100

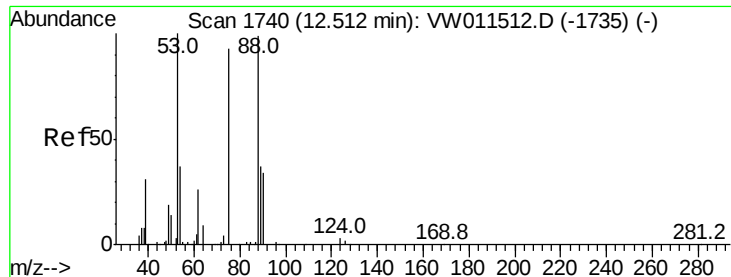
77 1.6 0.0 0.0#



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: 148.035 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011881.D

Acq: 13 Aug 2019 05:28

Instrument :

MSVOA_W

ClientSampleId :

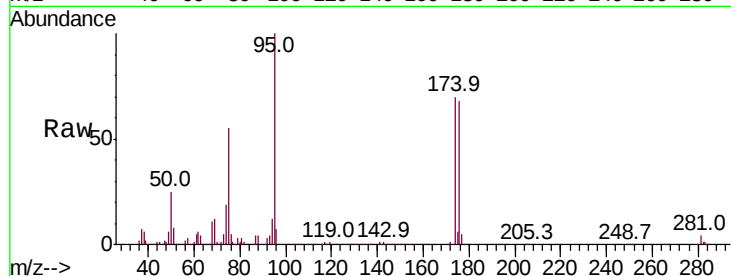
Tot Ion: 75 Resp: 73869

Ion Ratio Lower Upper

75 100

53 0.1 88.0 132.0#

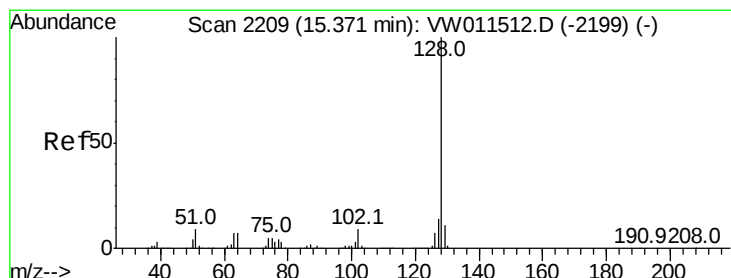
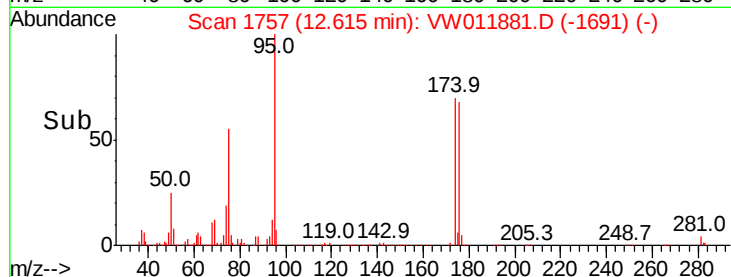
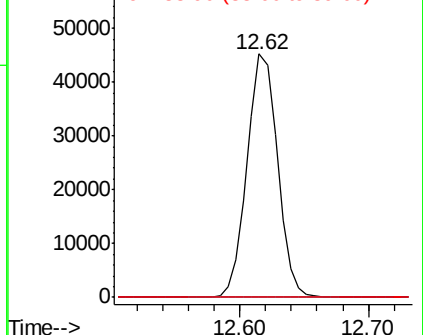
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#95

Naphthalene

Concen: 2.129 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011881.D

Acq: 13 Aug 2019 05:28

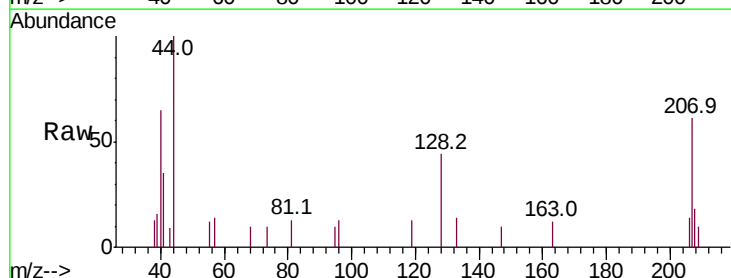
Tgt Ion: 128 Resp: 283

Ion Ratio Lower Upper

128 100

127 7.4 10.6 16.0#

129 7.4 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

