

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080319\
 Data File : VW011635.D
 Acq On : 02 Aug 2019 22:41
 Operator : SY/VA
 Sample : VW0803SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBL01

Quant Time: Aug 04 00:05:39 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	208128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128363	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	136007	56.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.82%	
35) Dibromofluoromethane	7.88	113	107452	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
50) Toluene-d8	10.32	98	427582	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.62	95	142572	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	

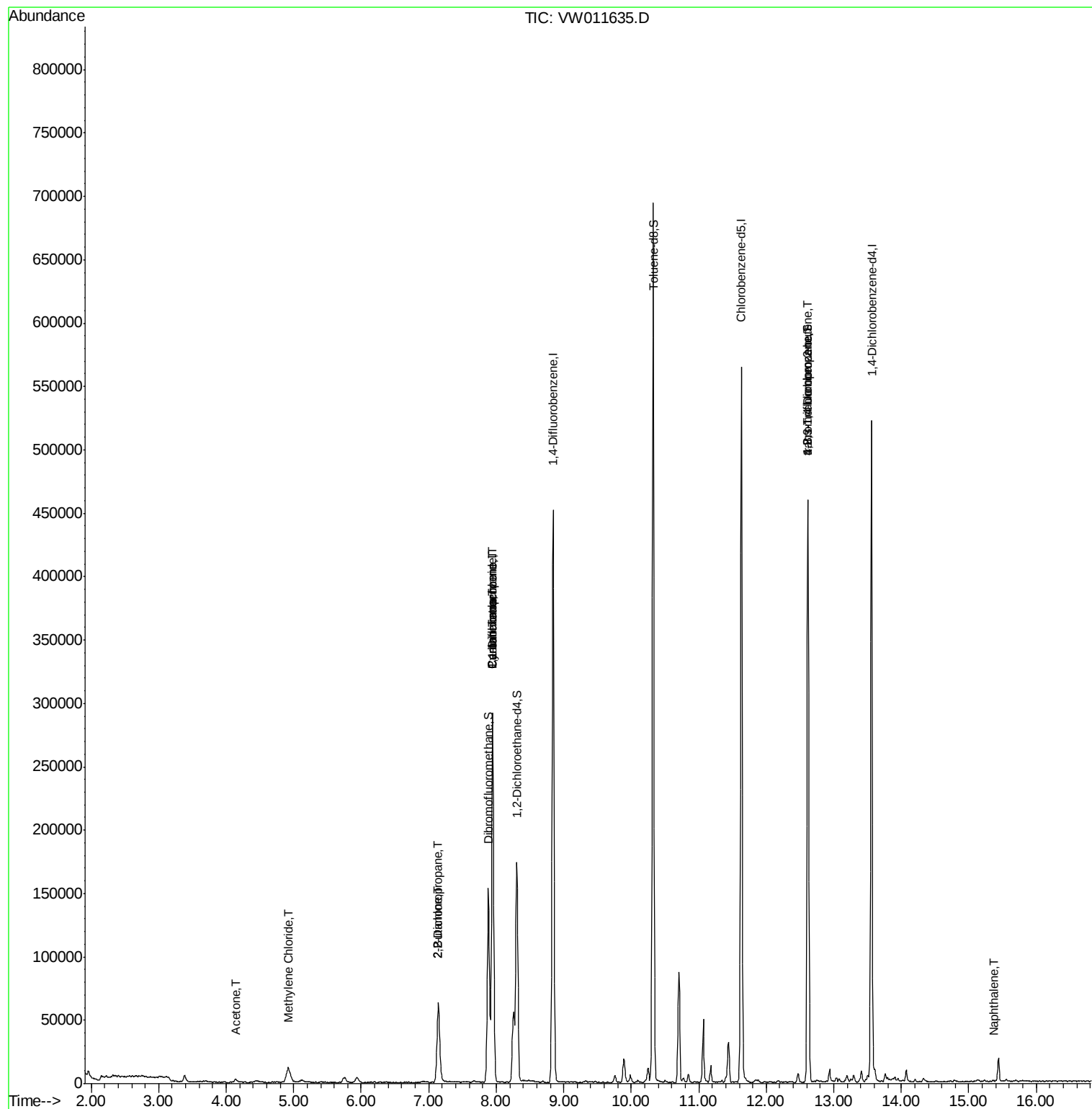
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	1699	Below Cal	#	72
16) Acetone	4.14	43	5304	6.977	ug/l	91
20) Methylene Chloride	4.92	84	8575	3.271	ug/l	92
25) 2-Butanone	7.13	43	4152	4.174	ug/l #	77
26) 2,2-Dichloropropane	7.14	77	4459	1.558	ug/l #	54
31) Cyclohexane	7.95	56	5463	1.223	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18857	5.197	ug/l #	52
38) Carbon Tetrachloride	7.95	117	20970	6.751	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	77254	56.879	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	77254	131.085	ug/l #	6
95) Naphthalene	15.37	128	918	2.240	ug/l #	85

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

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MSVOA_W
ClientSampleId :
VW0803SBL01

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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: VW011635.D

Acq: 02 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampled :

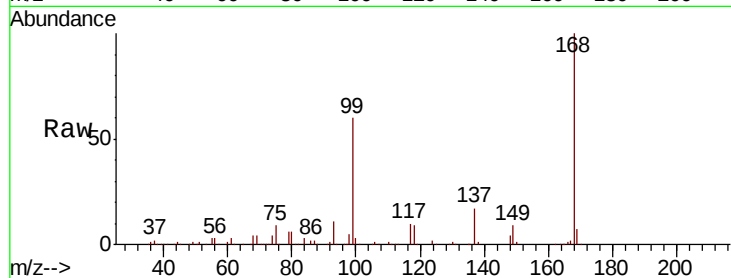
VW0803SBL01

Tgt Ion:168 Resp: 208128

Ion Ratio Lower Upper

168 100

99 60.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

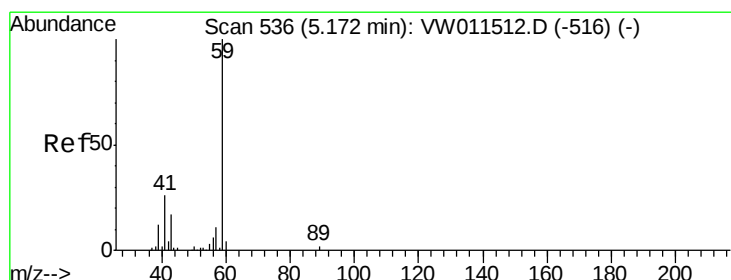
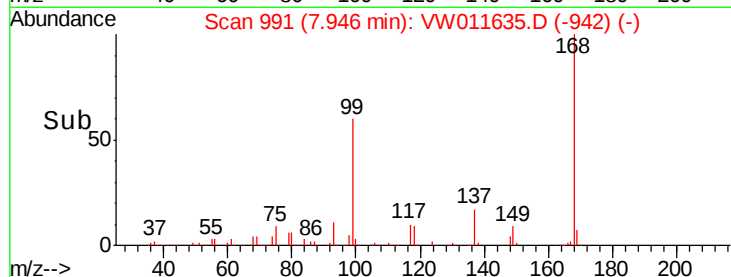
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: VW011635.D

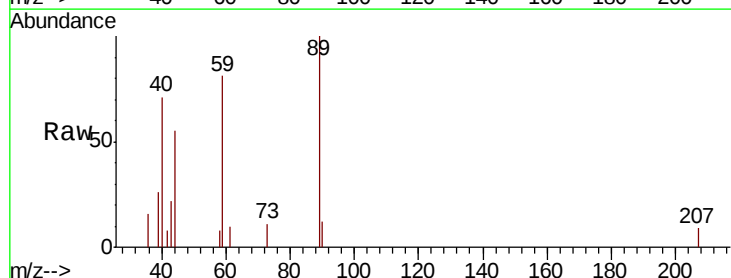
Acq: 02 Aug 2019 22:41

Tgt Ion: 59 Resp: 1699

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

600

500

400

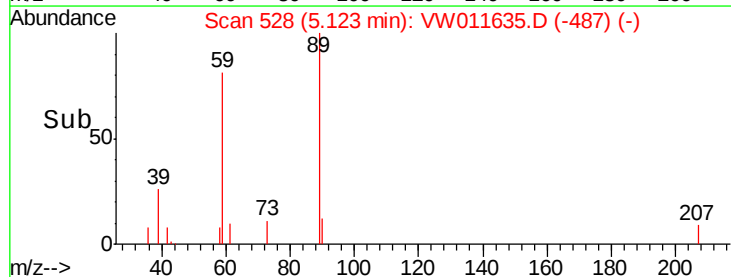
300

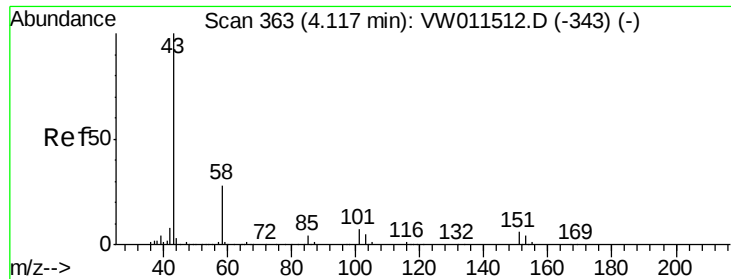
200

100

0

Time-->





#16

Acetone

Concen: 6.977 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011635.D

Acq: 02 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

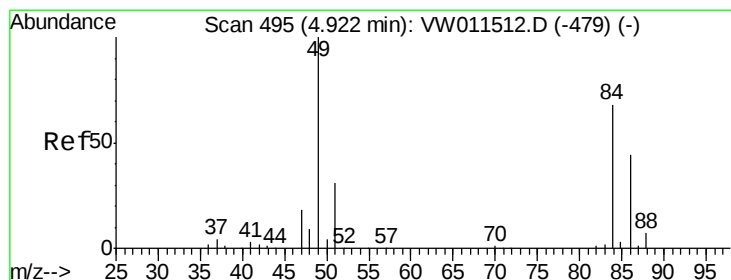
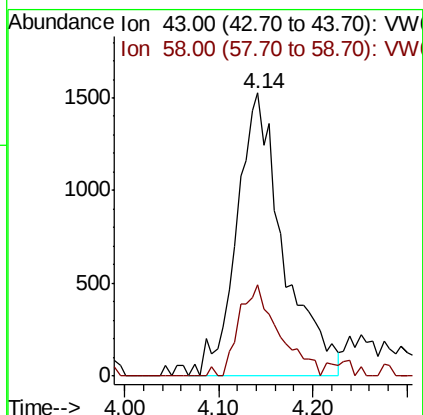
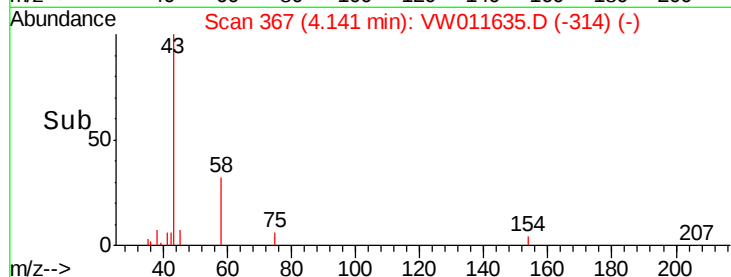
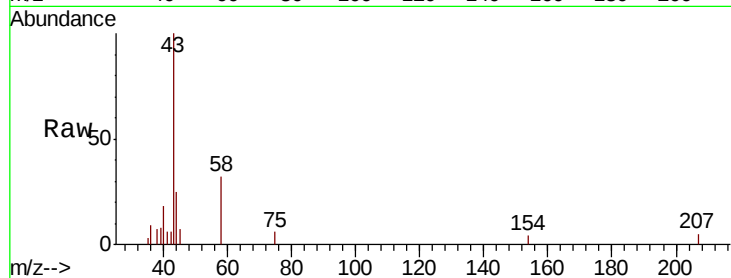
VW0803SBL01

Tgt Ion: 43 Resp: 5304

Ion Ratio Lower Upper

43 100

58 32.4 22.3 33.5



#20

Methylene Chloride

Concen: 3.271 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW011635.D

Acq: 02 Aug 2019 22:41

Tgt Ion: 84 Resp: 8575

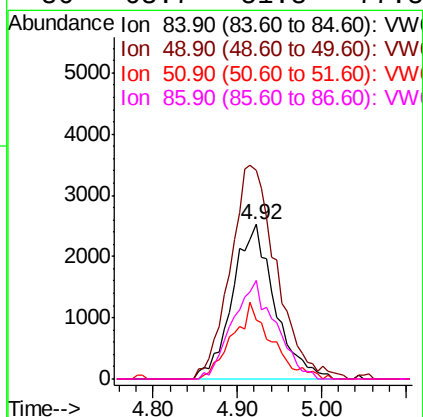
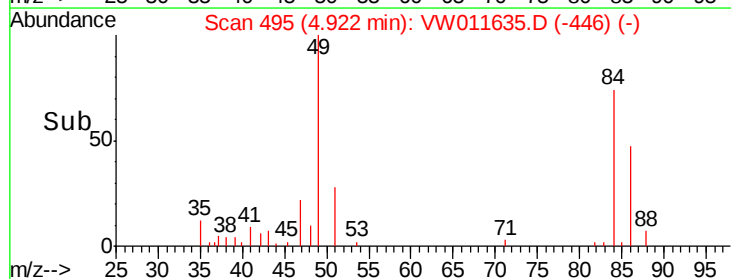
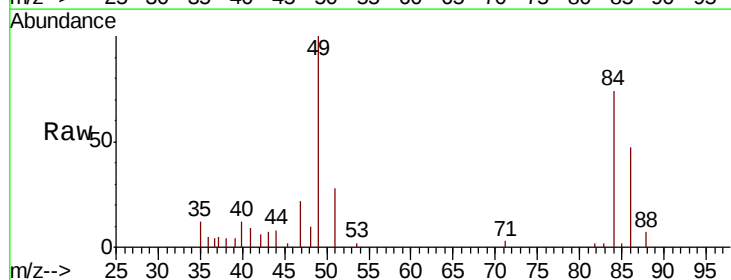
Ion Ratio Lower Upper

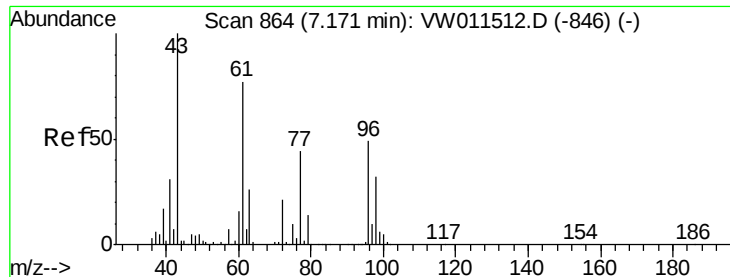
84 100

49 135.4 117.8 176.6

51 38.1 37.0 55.4

86 63.7 51.8 77.8





#25

2-Butanone

Concen: 4.174 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW011635.D

Acq: 02 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

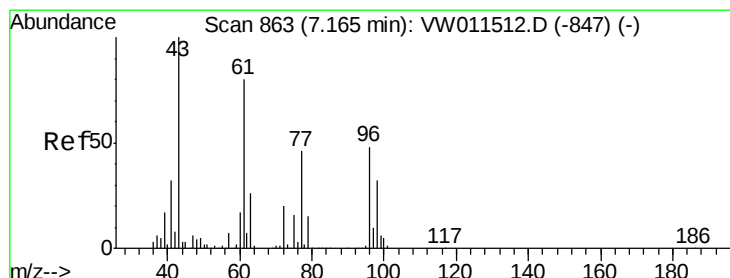
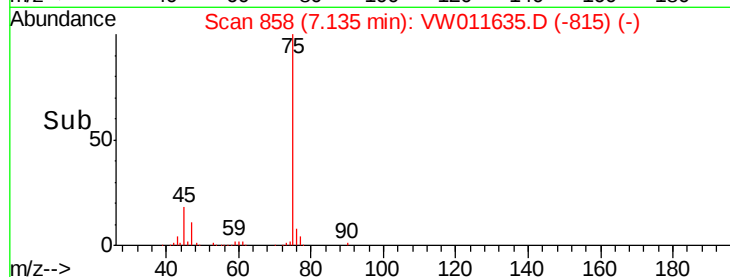
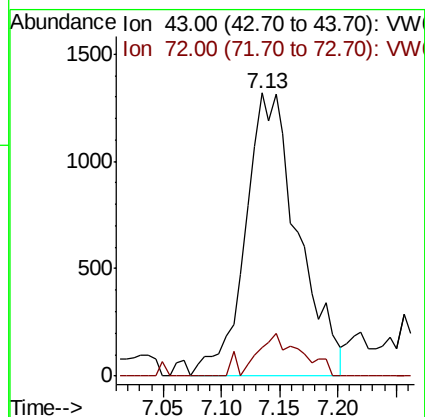
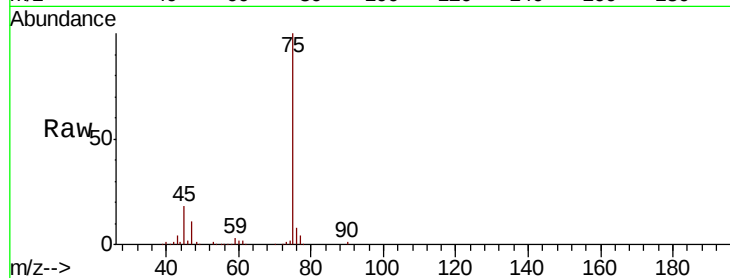
VW0803SBL01

Tgt Ion: 43 Resp: 4152

Ion Ratio Lower Upper

43 100

72 10.0 16.6 24.8#



#26

2,2-Dichloropropane

Concen: 1.558 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW011635.D

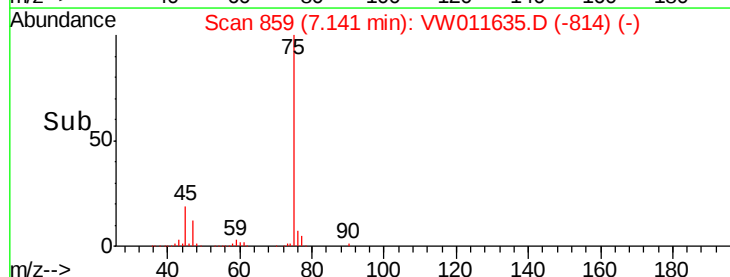
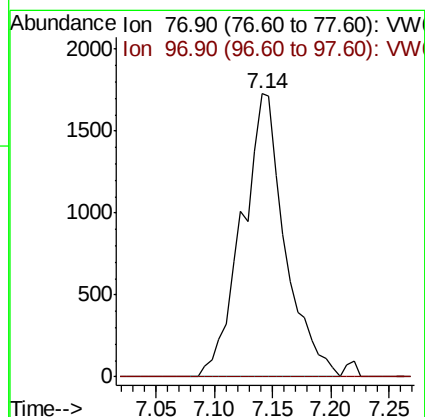
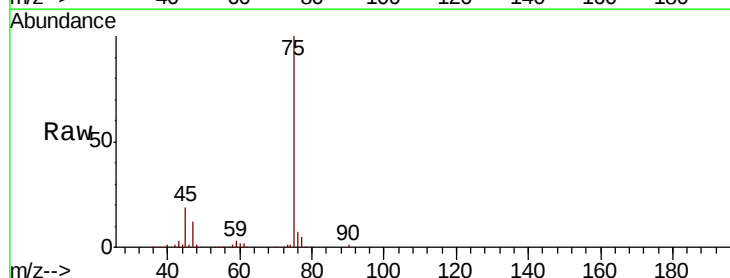
Acq: 02 Aug 2019 22:41

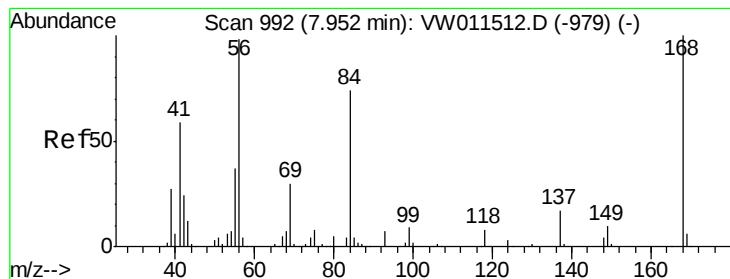
Tgt Ion: 77 Resp: 4459

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.4#





#31

Cyclohexane

Concen: 1.223 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011635.D

Acq: 02 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

VW0803SBL01

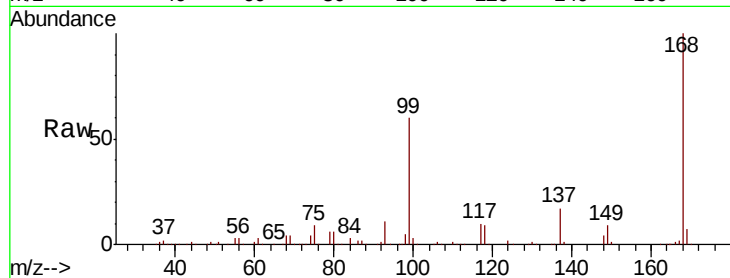
Tgt Ion: 56 Resp: 5463

Ion Ratio Lower Upper

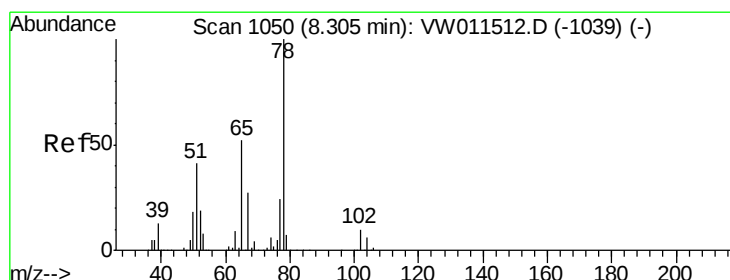
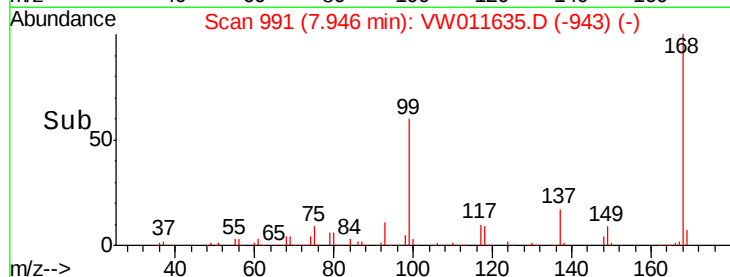
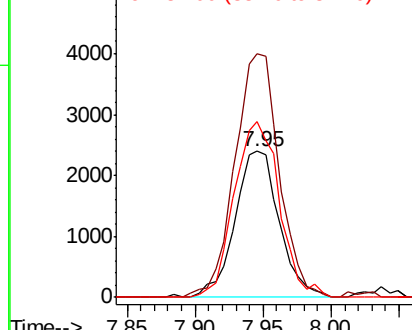
56 100

69 166.4 24.3 36.5#

84 120.3 60.4 90.6#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 56.909 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011635.D

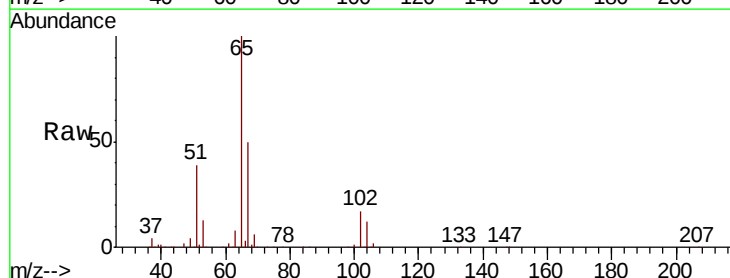
Acq: 02 Aug 2019 22:41

Tgt Ion: 65 Resp: 136007

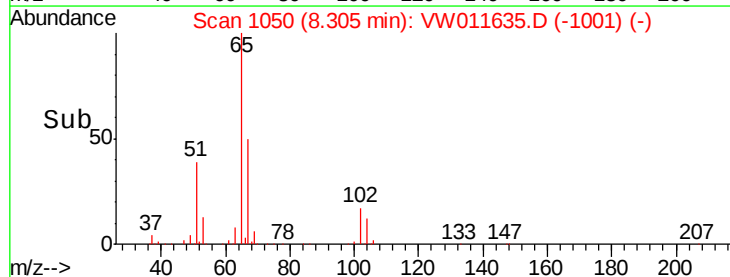
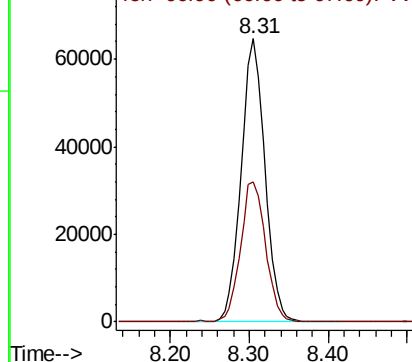
Ion Ratio Lower Upper

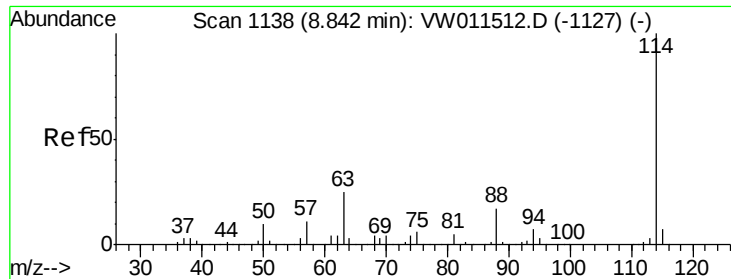
65 100

67 52.2 0.0 105.2



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

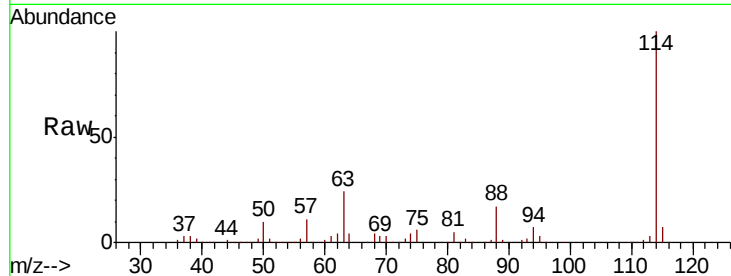




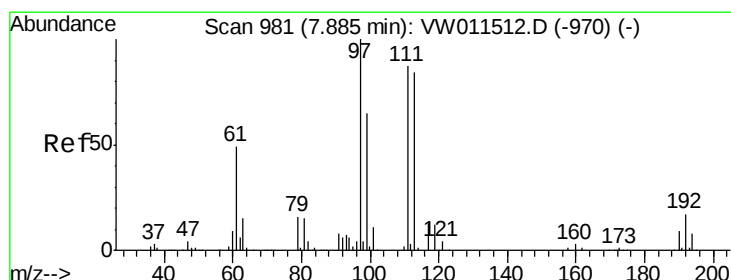
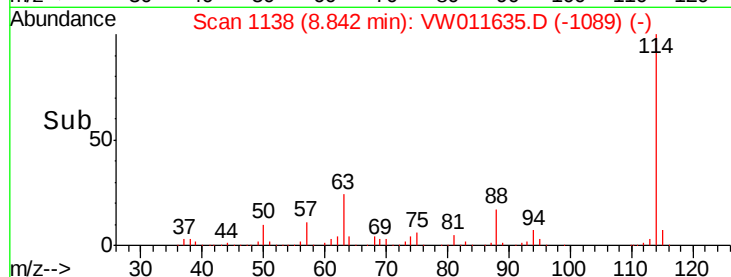
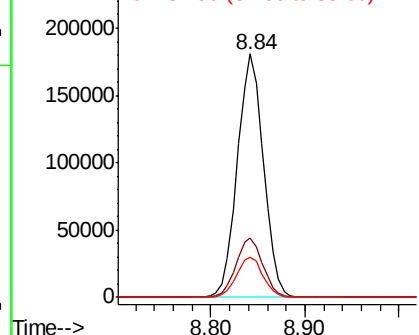
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011635.D
 Acq: 02 Aug 2019 22:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0803SBL01

Tgt Ion:114 Resp: 348954
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 16.6 0.0 33.8

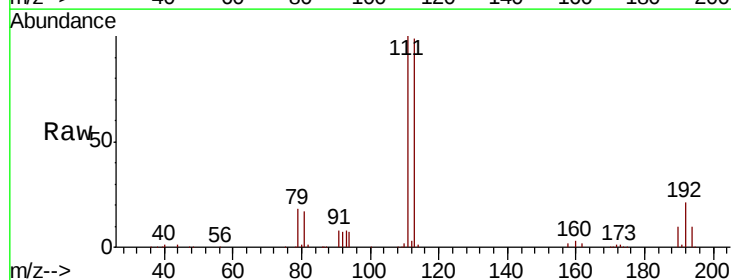


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

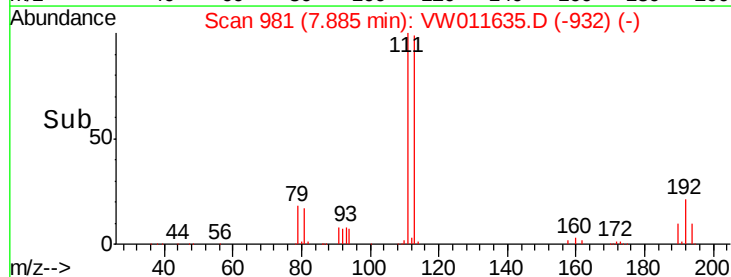
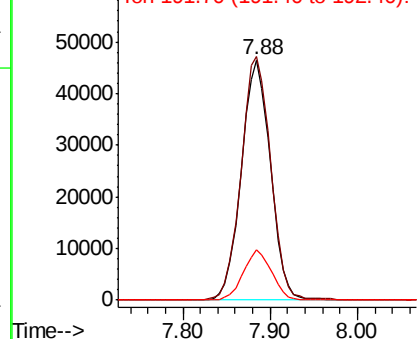


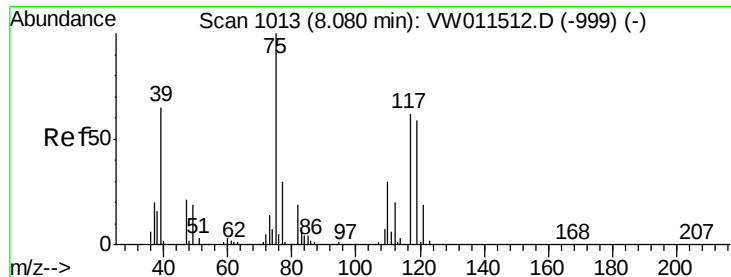
#35
 Dibromofluoromethane
 Concen: 54.887 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011635.D
 Acq: 02 Aug 2019 22:41

Tgt Ion:113 Resp: 107452
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.7 124.1
 192 20.3 16.1 24.1



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

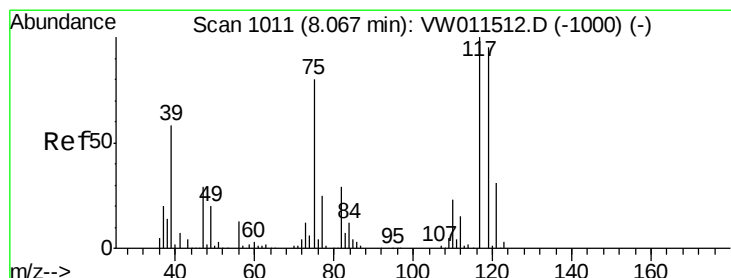
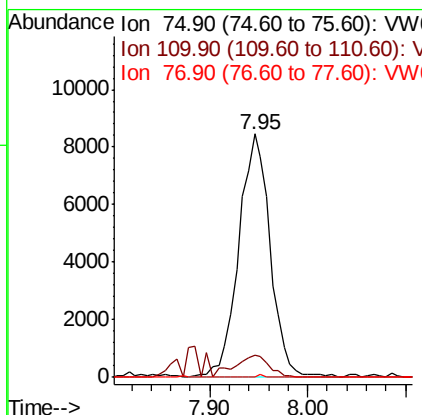
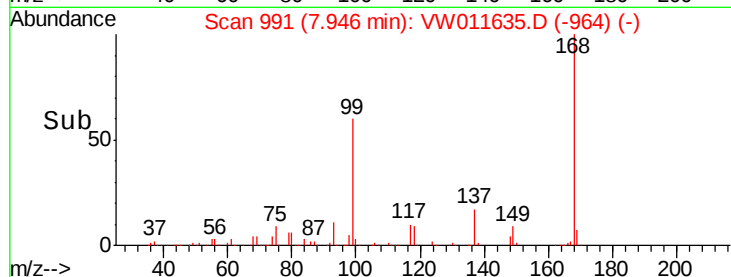
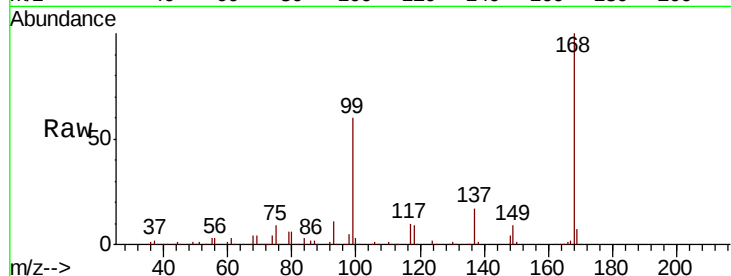




#36
 1,1-Dichloropropene
 Concen: 5.197 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011635.D
 Acq: 02 Aug 2019 22:41

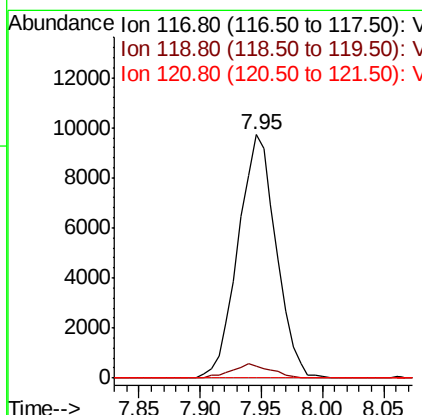
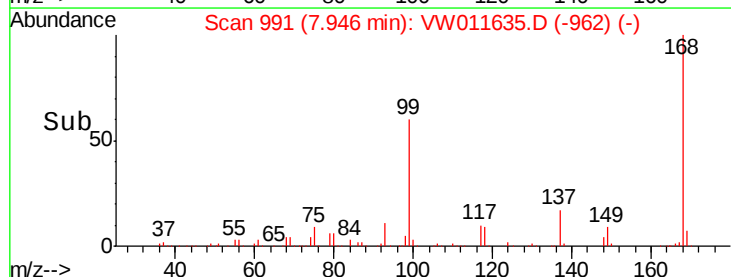
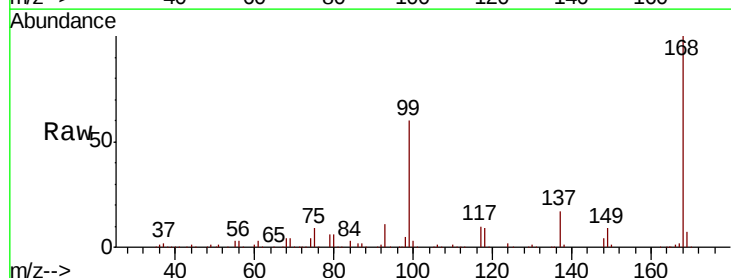
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 ClientSampleId :
 VW0803SBL01

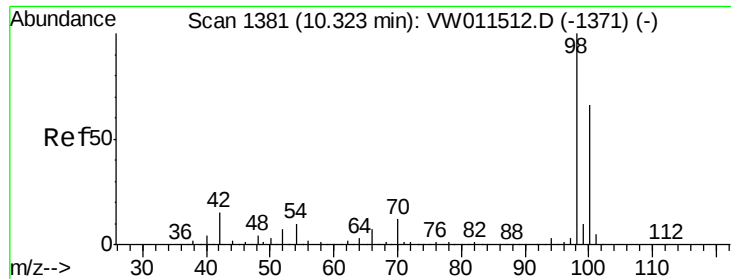
Tgt Ion: 75 Resp: 18857
 Ion Ratio Lower Upper
 75 100
 110 9.0 15.6 46.8#
 77 0.2 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.751 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011635.D
 Acq: 02 Aug 2019 22:41

Tgt Ion: 117 Resp: 20970
 Ion Ratio Lower Upper
 117 100
 119 4.8 75.8 113.6#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 53.345 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011635.D

Acq: 02 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

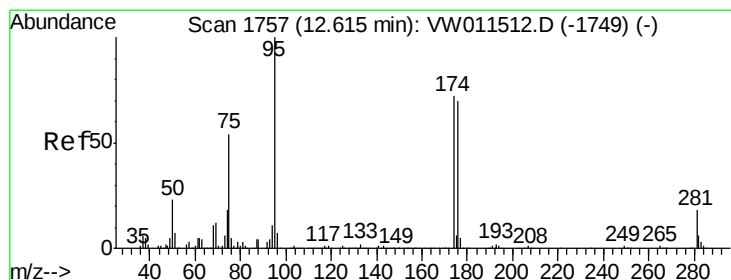
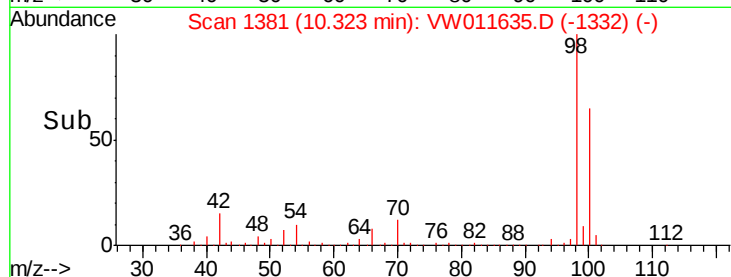
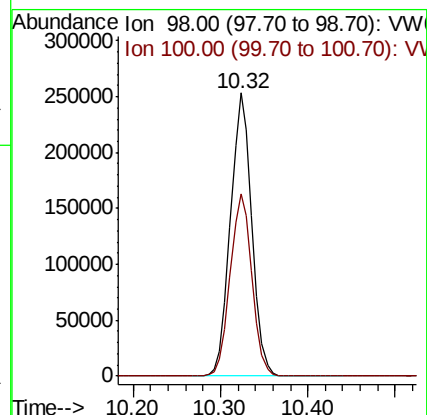
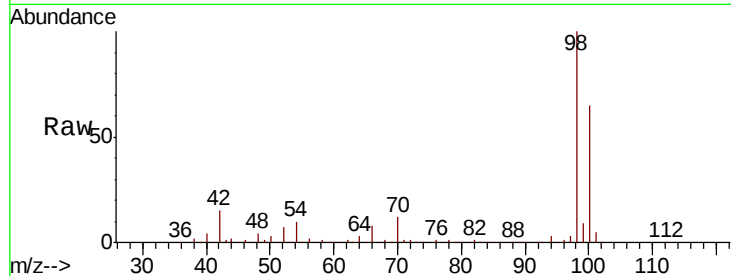
VW0803SBL01

Tgt Ion: 98 Resp: 427582

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 49.892 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011635.D

Acq: 02 Aug 2019 22:41

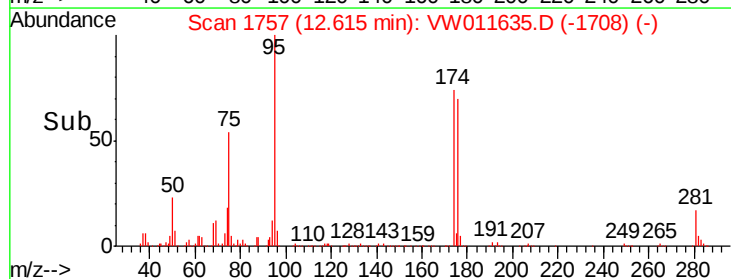
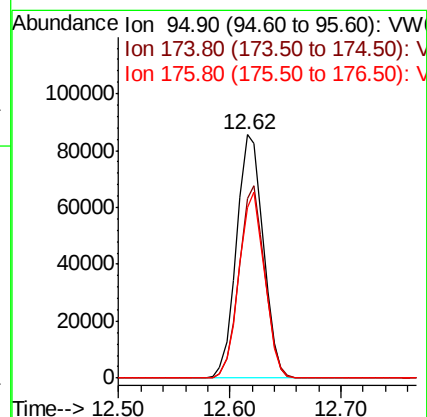
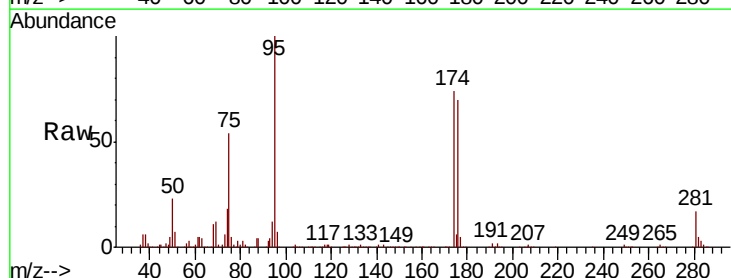
Tgt Ion: 95 Resp: 142572

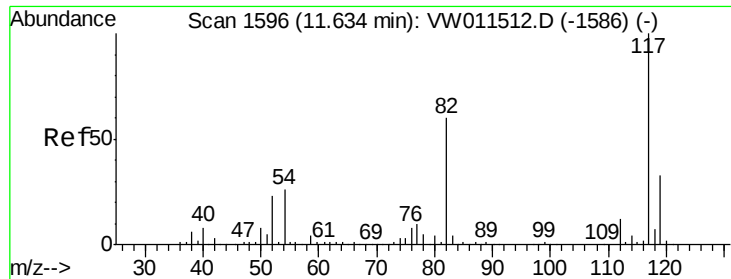
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

176 73.1 0.0 144.4

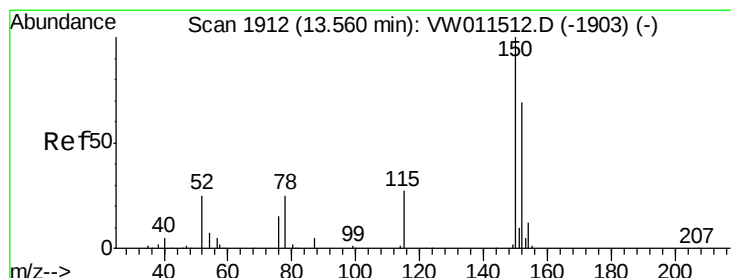
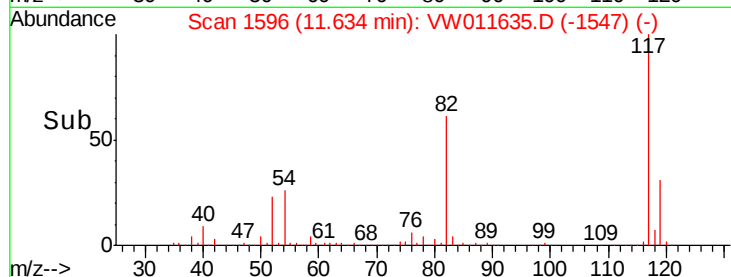
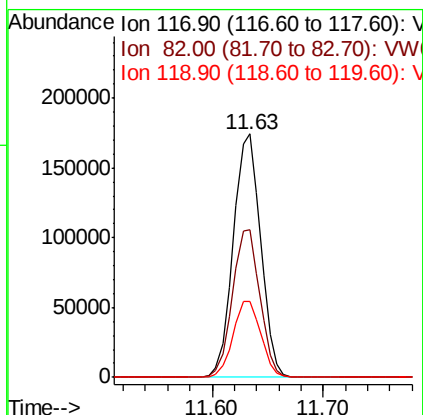
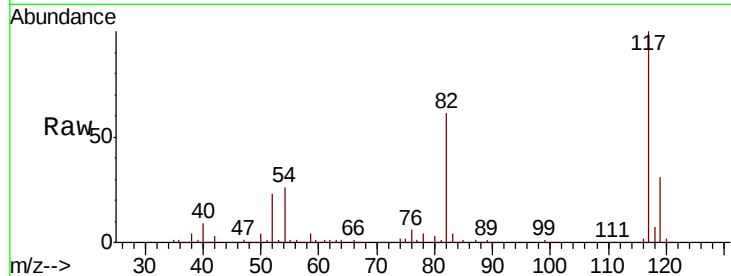




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011635.D
Acq: 02 Aug 2019 22:41

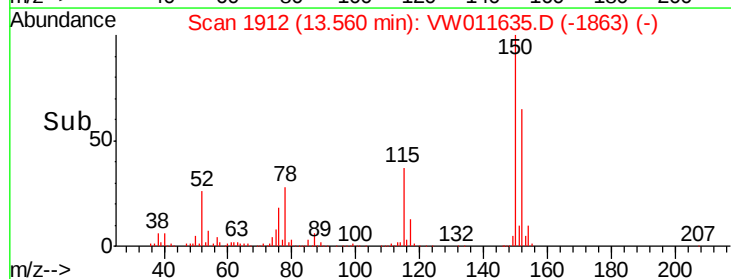
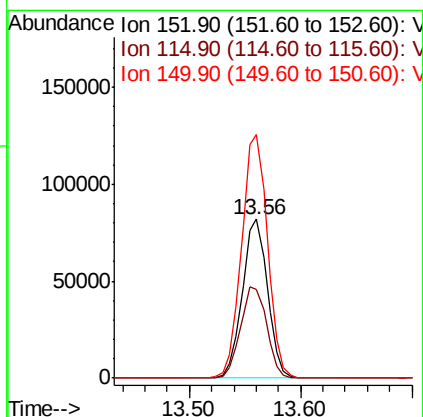
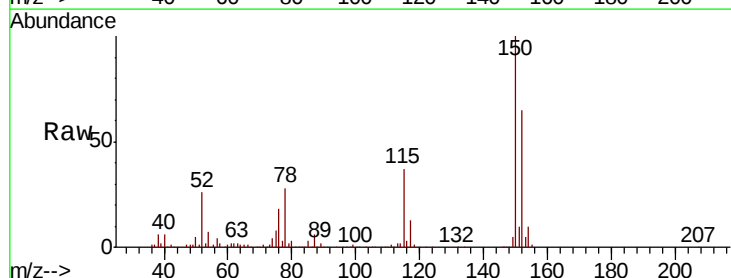
Instrument :
MSVOA_W
ClientSampleId :
VW0803SBL01

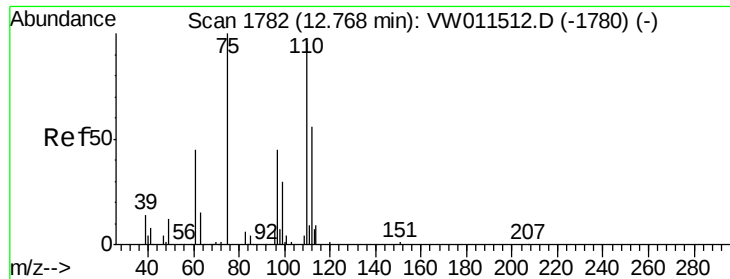
Tgt Ion:117 Resp: 297205
Ion Ratio Lower Upper
117 100
82 60.7 47.9 71.9
119 31.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011635.D
Acq: 02 Aug 2019 22:41

Tgt Ion:152 Resp: 128363
Ion Ratio Lower Upper
152 100
115 60.0 30.5 91.5
150 157.9 0.0 352.6

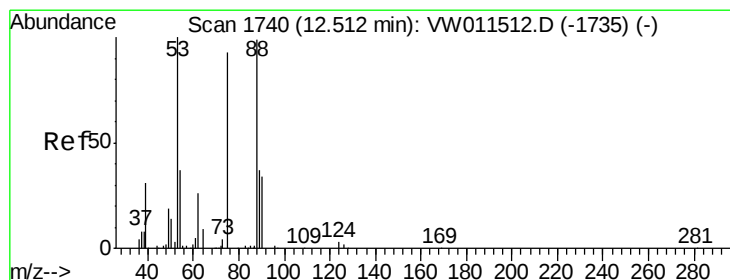
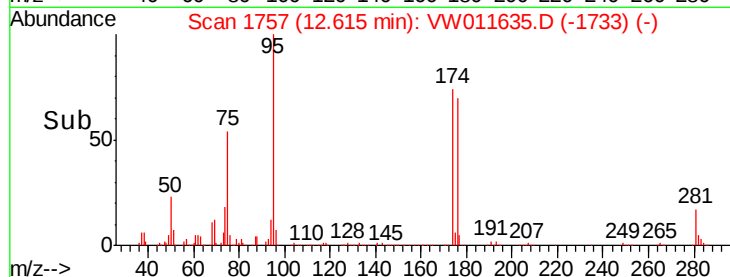
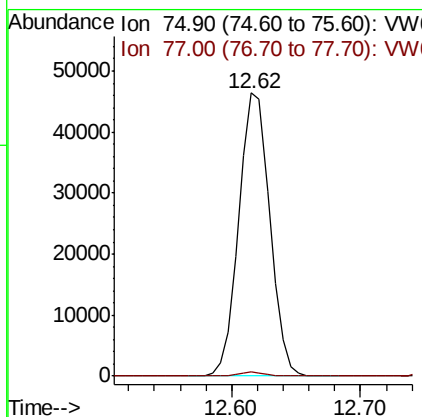
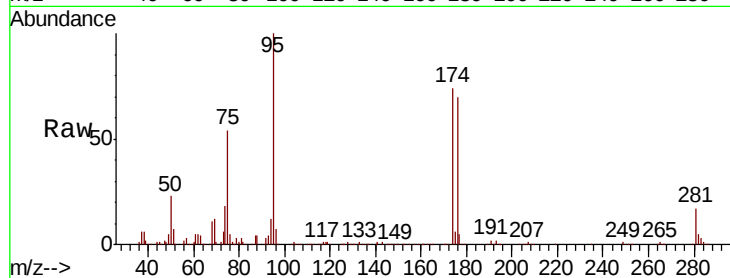




#76
 1,2,3-Trichloropropane
 Concen: 56.879 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011635.D
 Acq: 02 Aug 2019 22:41

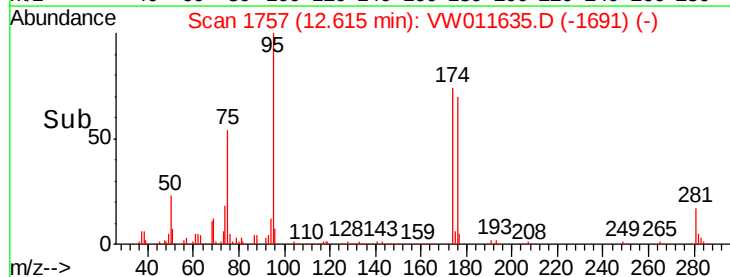
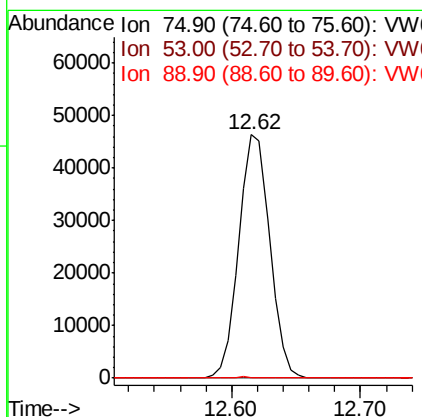
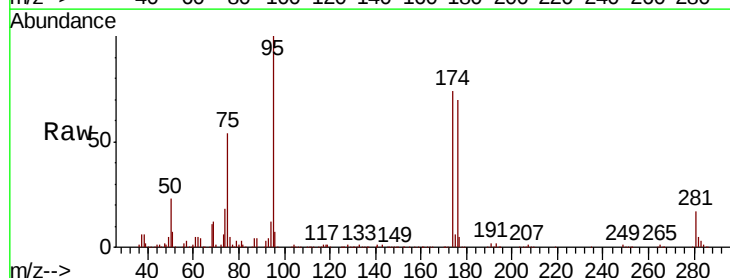
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0803SBL01

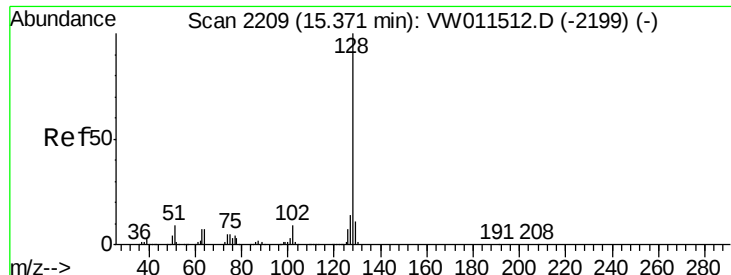
Tgt Ion: 75 Resp: 77254
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.085 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011635.D
 Acq: 02 Aug 2019 22:41

Tgt Ion: 75 Resp: 77254
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.0 132.0#
 89 0.3 35.3 52.9#





#95

Naphthalene

Concen: 2.240 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011635.D

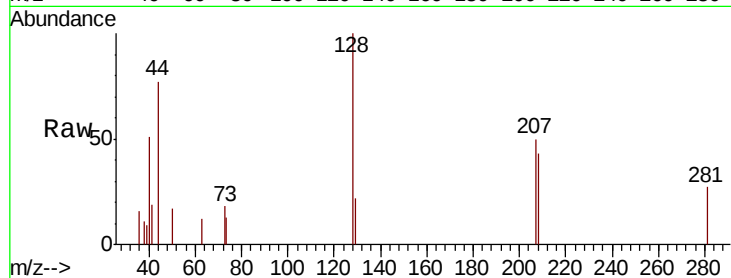
Acq: 02 Aug 2019 22:41

Instrument :

MSVOA_W

ClientSampleId :

VW0803SBL01



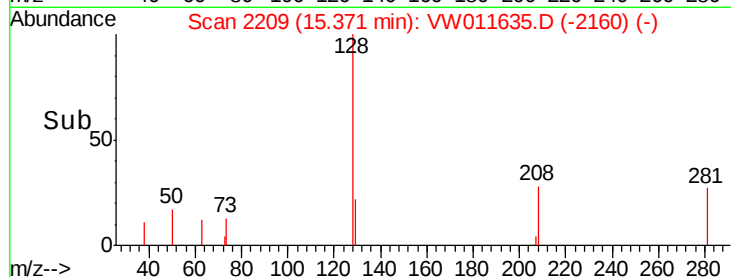
Tgt Ion:128 Resp: 918

Ion Ratio Lower Upper

128 100

127 5.7 10.6 16.0#

129 14.3 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

