

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011406.D
 Acq On : 20 Jul 2019 06:10
 Operator : SY/VA
 Sample : K3835-31
 Misc : 4.60G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-7(0-2)

Quant Time: Jul 20 06:59:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	454148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143105	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	184044	54.06	ug/l	0.00
Spiked Amount			Recovery	=	108.12%	
35) Dibromofluoromethane	7.88	113	141828	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
50) Toluene-d8	10.32	98	570261	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.62	95	174295	43.46	ug/l	0.00
Spiked Amount			Recovery	=	86.92%	

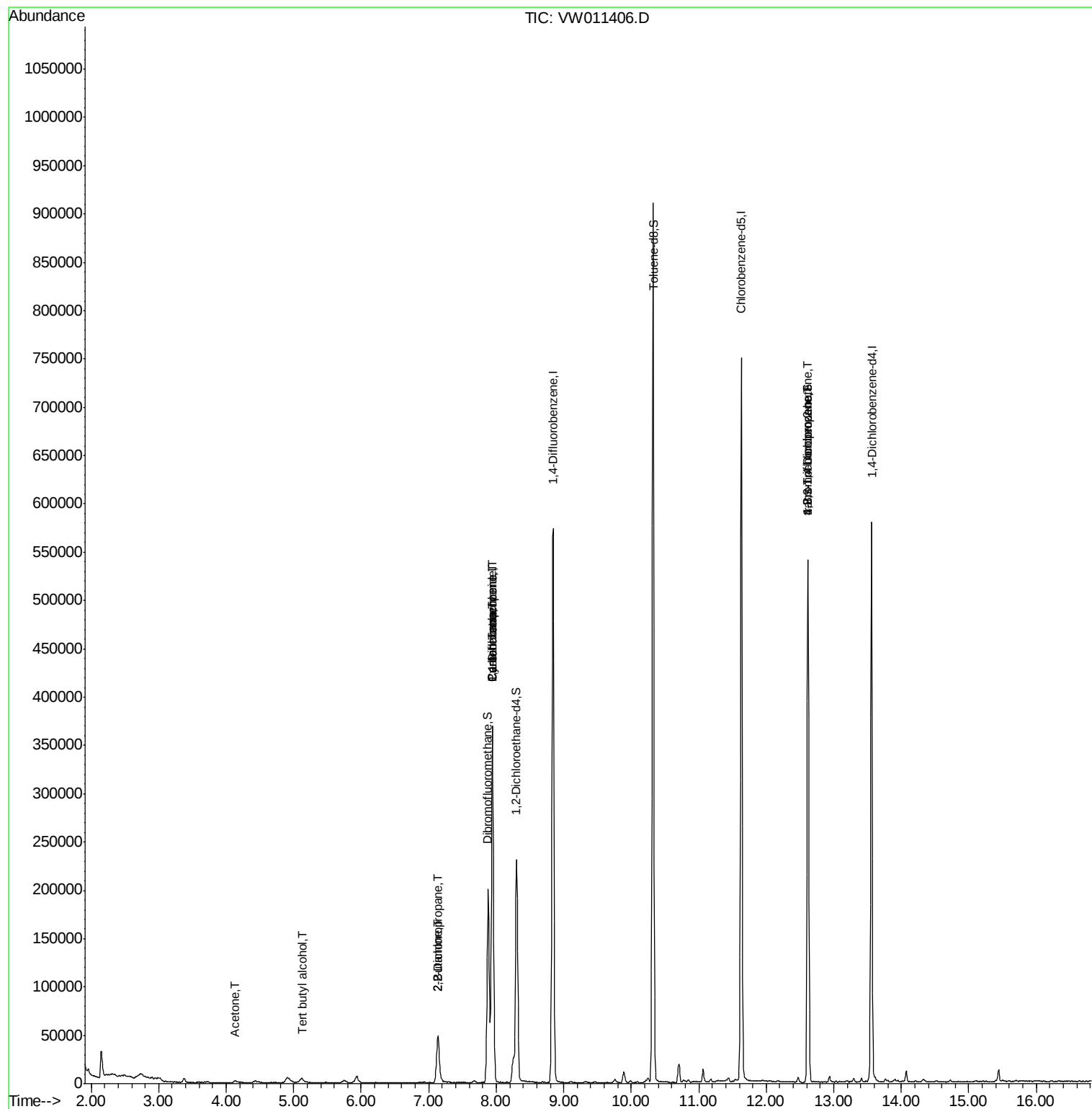
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	5344	21.201	ug/l #	73
16) Acetone	4.12	43	4274	5.218	ug/l	92
18) Methyl Acetate	4.67	43	279	Below Cal	#	57
25) 2-Butanone	7.13	43	3021	2.349	ug/l #	90
26) 2,2-Dichloropropane	7.13	77	3295	1.023	ug/l #	53
31) Cyclohexane	7.94	56	6981	1.059	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	23954	4.953	ug/l #	50
38) Carbon Tetrachloride	7.95	117	26836	6.546	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	93803	56.721	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	93803	128.292	ug/l #	6

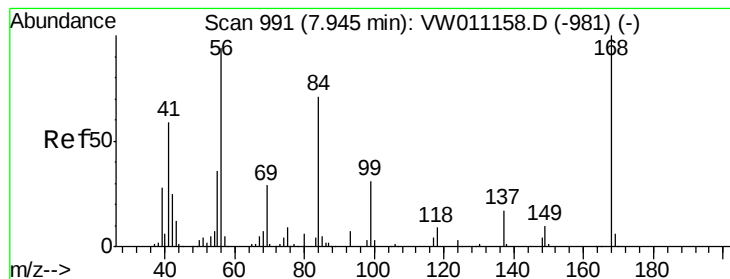
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072019\
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SB-7(0-2)

Quant Time: Jul 20 06:59:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 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: VW011406.D

Acq: 20 Jul 2019 06:10

Instrument :

MSVOA_W

ClientSampleId :

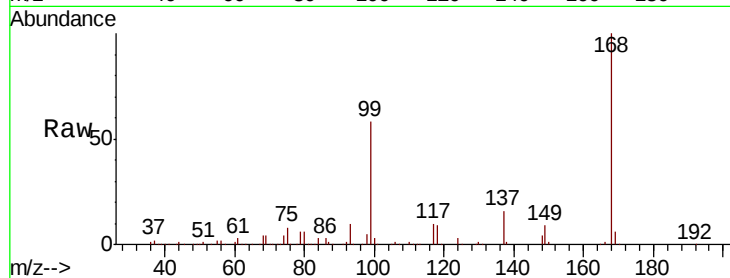
SB-7(0-2)

Tot Ion:168 Resp: 270944

Ion Ratio Lower Upper

168 100

99 58.1 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

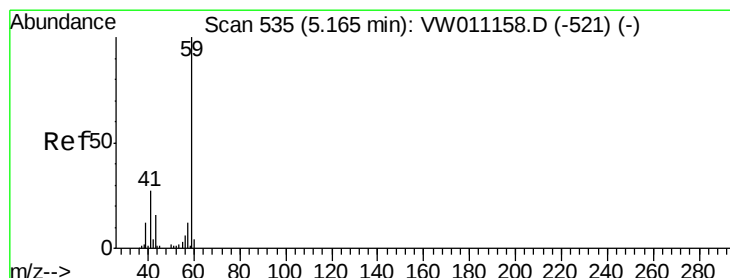
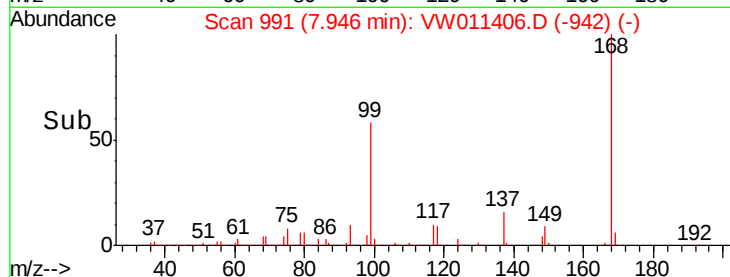
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 21.201 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW011406.D

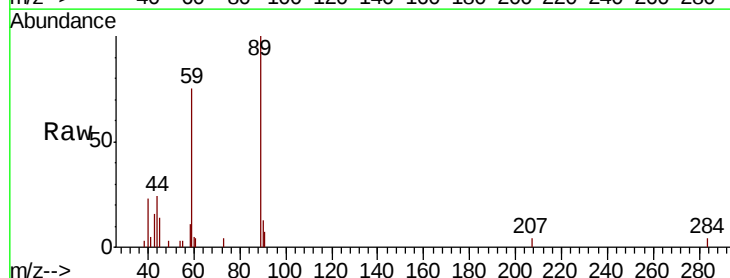
Acq: 20 Jul 2019 06:10

Tgt Ion: 59 Resp: 5344

Ion Ratio Lower Upper

59 100

57 0.8 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

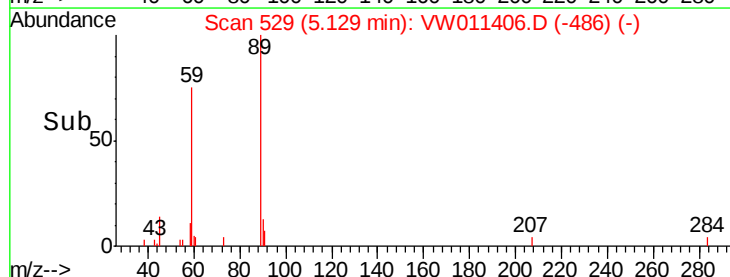
5.13

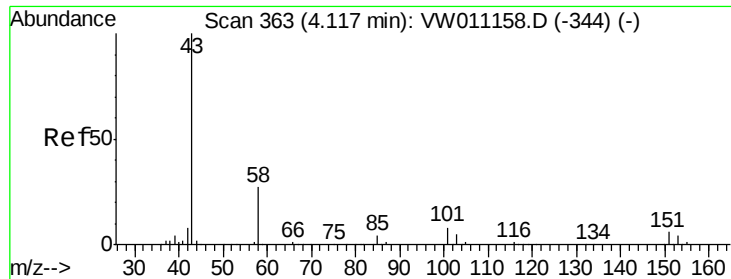
1000

500

0

Time--> 5.00 5.10 5.20 5.30





#16

Acetone

Concen: 5.218 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011406.D

Acq: 20 Jul 2019 06:10

Instrument :

MSVOA_W

ClientSampled :

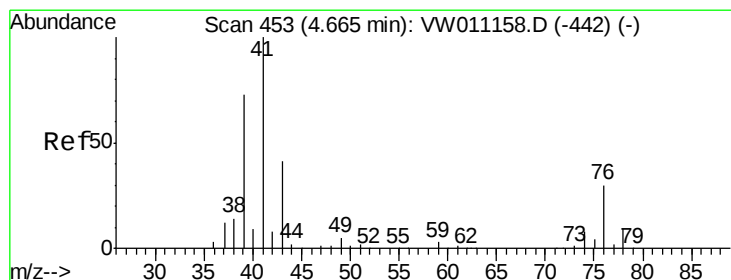
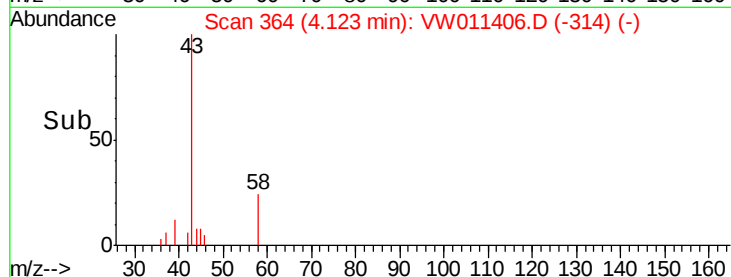
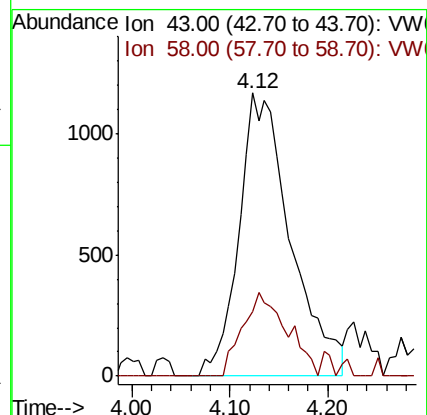
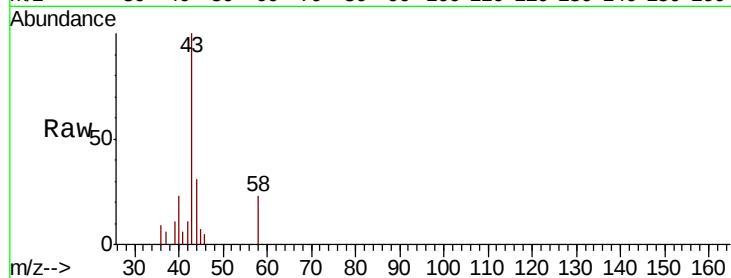
SB-7(0-2)

Tot Ion: 43 Resp: 4274

Ion Ratio Lower Upper

43 100

58 22.9 21.8 32.6



#18

Methyl Acetate

Concen: Below Cal

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011406.D

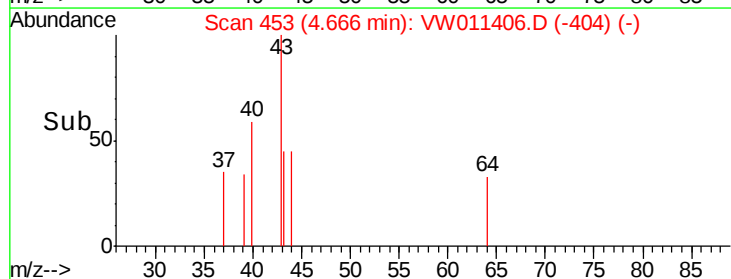
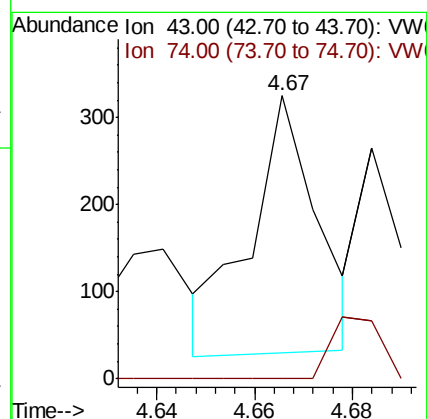
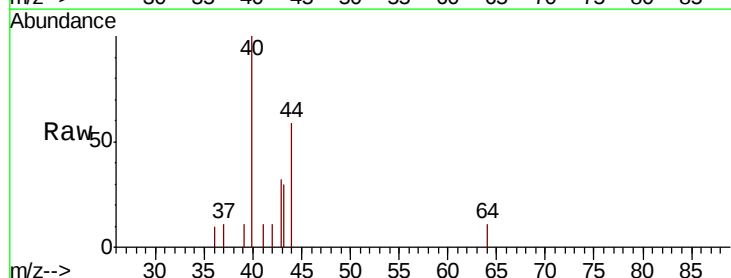
Acq: 20 Jul 2019 06:10

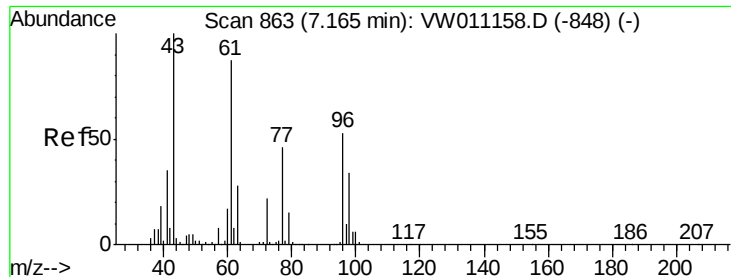
Tgt Ion: 43 Resp: 279

Ion Ratio Lower Upper

43 100

74 0.0 15.7 23.5#





#25

2-Butanone

Concen: 2.349 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW011406.D

Acq: 20 Jul 2019 06:10

Instrument :

MSVOA_W

ClientSampled :

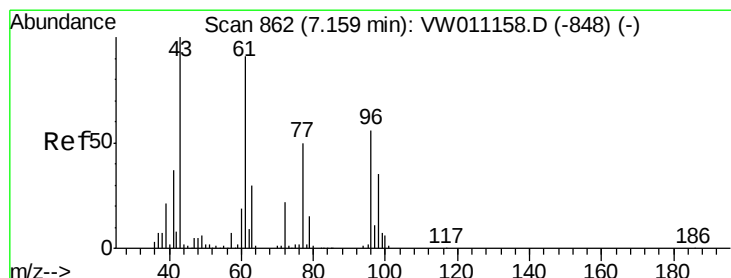
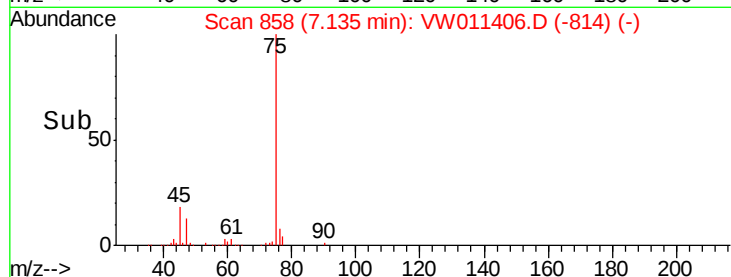
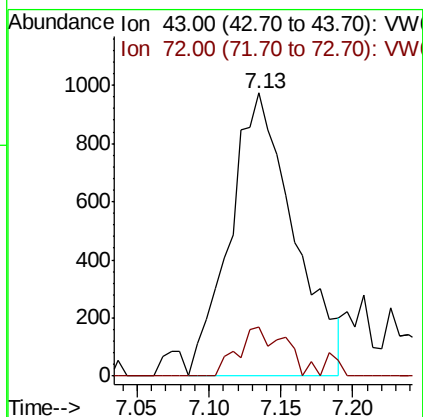
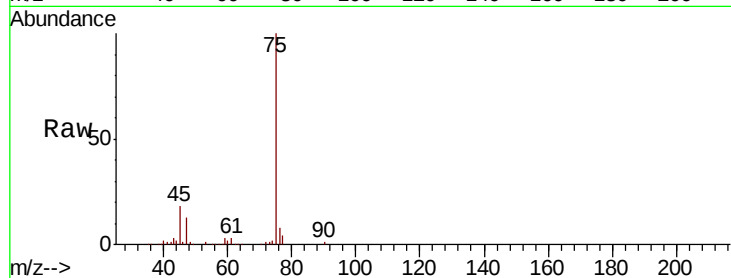
SB-7(0-2)

Tot Ion: 43 Resp: 3021

Ion Ratio Lower Upper

43 100

72 17.4 17.6 26.4#



#26

2,2-Dichloropropane

Concen: 1.023 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.03 min

Lab File: VW011406.D

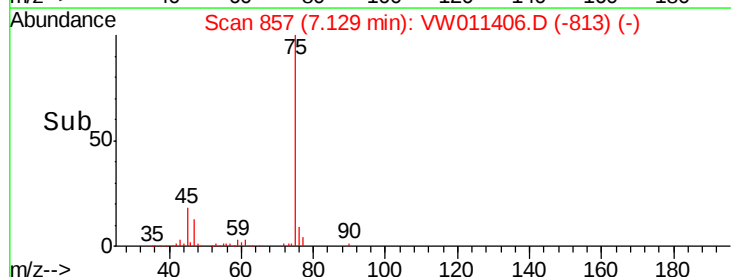
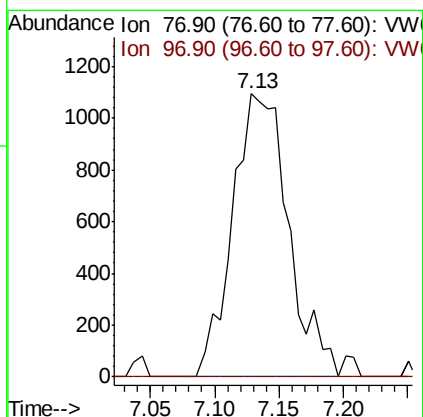
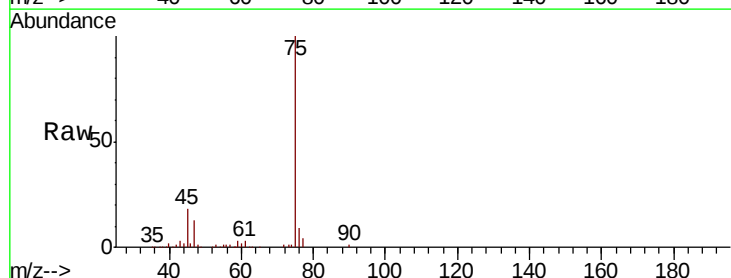
Acq: 20 Jul 2019 06:10

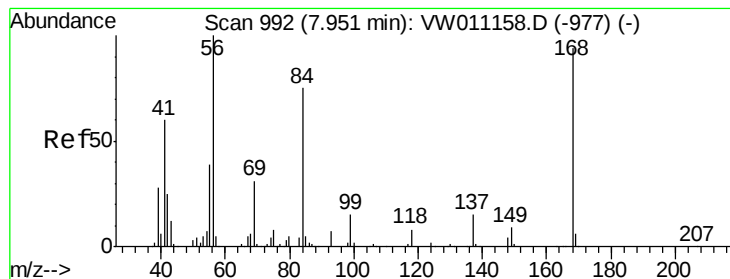
Tgt Ion: 77 Resp: 3295

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#





#31

Cyclohexane

Concen: 1.059 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011406.D

Acq: 20 Jul 2019 06:10

Instrument :

MSVOA_W

ClientSampled :

SB-7(0-2)

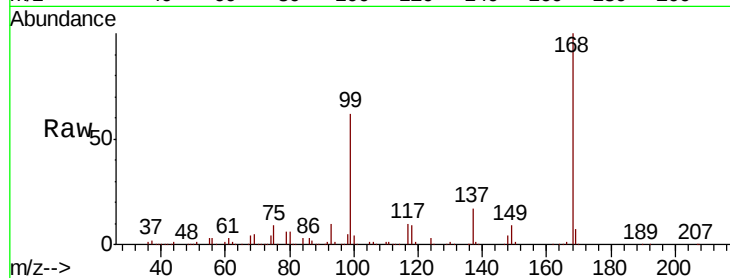
Tot Ion: 56 Resp: 6981

Ion Ratio Lower Upper

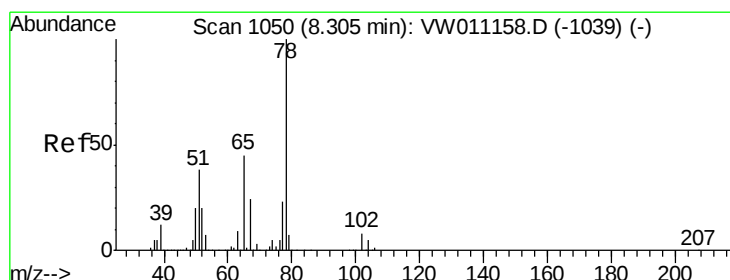
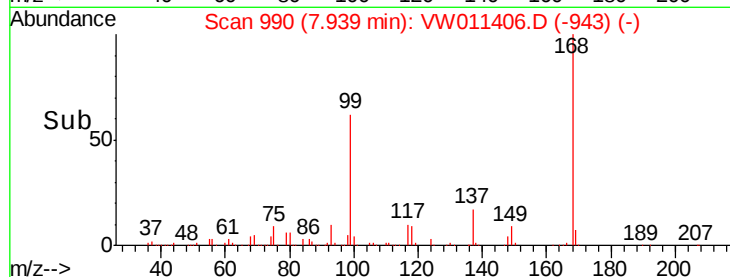
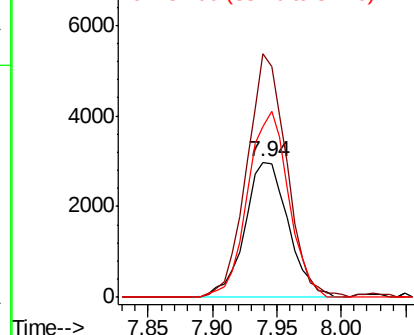
56 100

69 180.6 24.6 36.8#

84 126.6 60.1 90.1#



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: 54.059 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011406.D

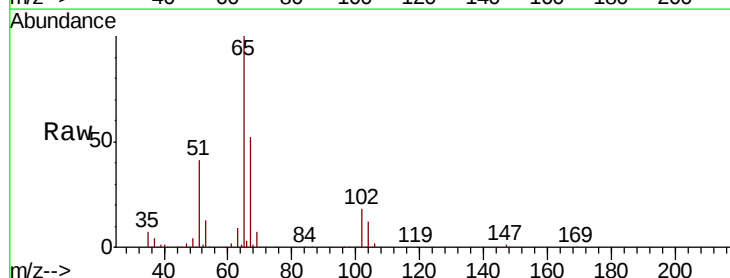
Acq: 20 Jul 2019 06:10

Tgt Ion: 65 Resp: 184044

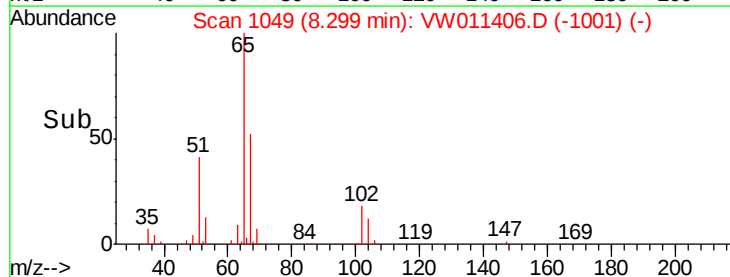
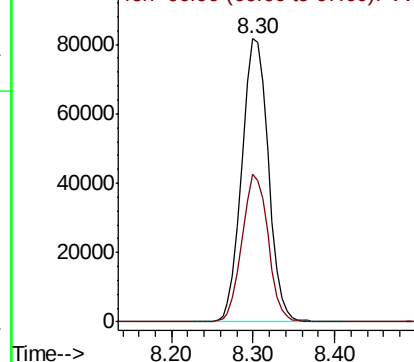
Ion Ratio Lower Upper

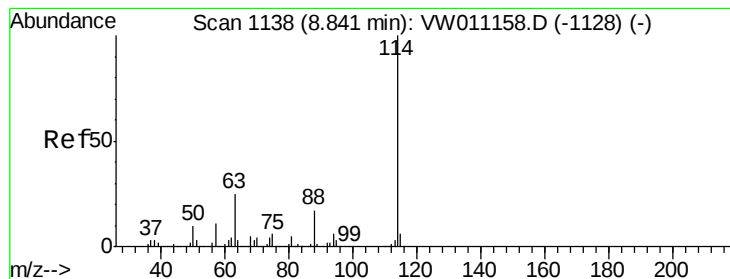
65 100

67 51.3 0.0 104.4



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: VW011406.D

Acq: 20 Jul 2019 06:10

Instrument :

MSVOA_W

ClientSampleId :

SB-7(0-2)

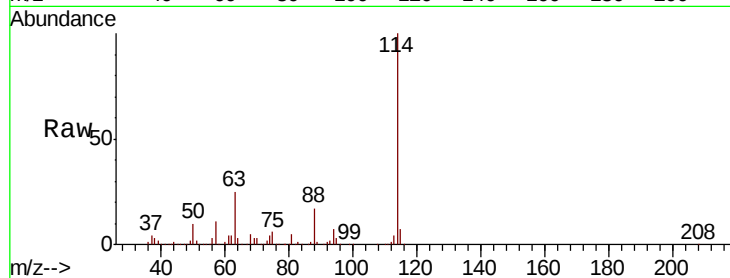
Tot Ion:114 Resp: 454148

Ion Ratio Lower Upper

114 100

63 25.2 0.0 50.8

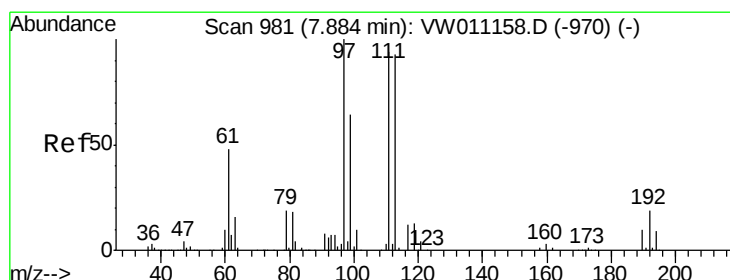
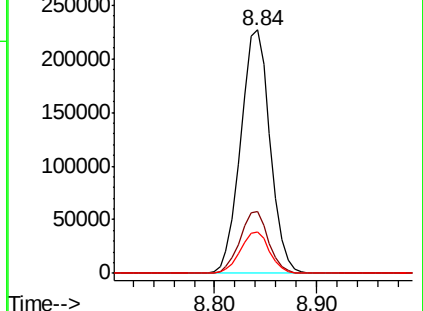
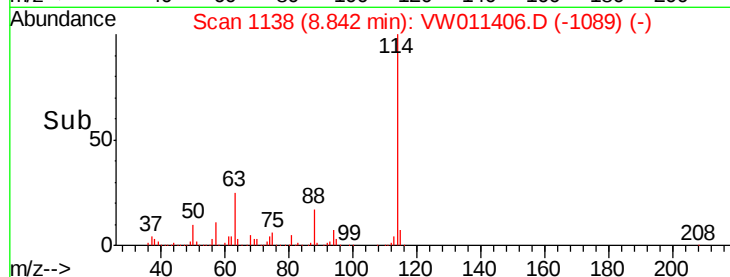
88 16.7 0.0 34.2



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: 52.394 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011406.D

Acq: 20 Jul 2019 06:10

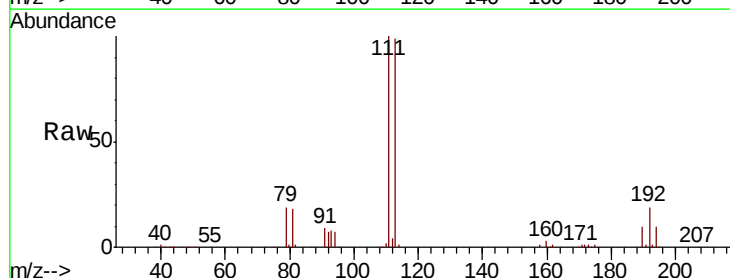
Tgt Ion:113 Resp: 141828

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

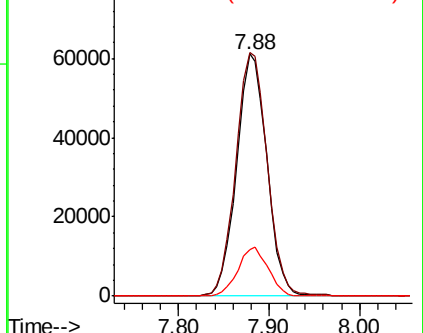
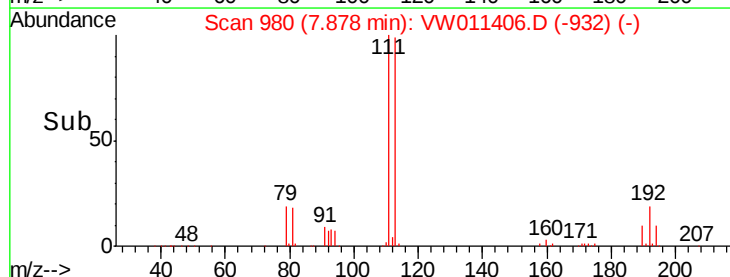
192 20.1 15.8 23.8

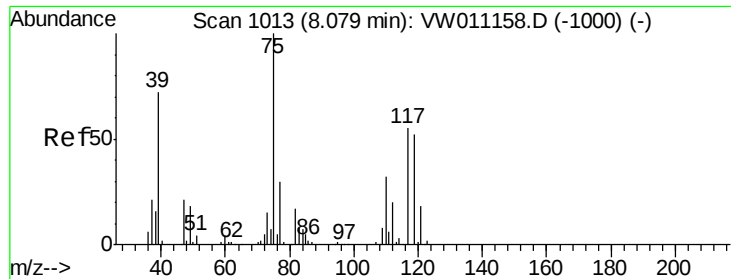


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

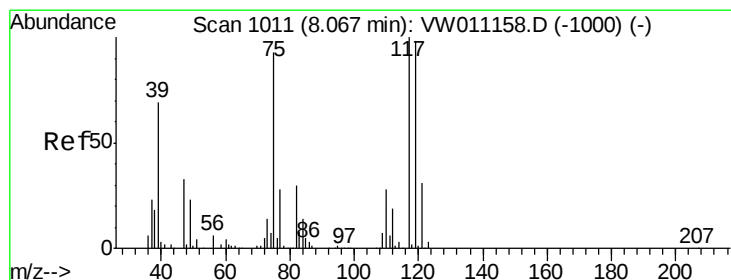
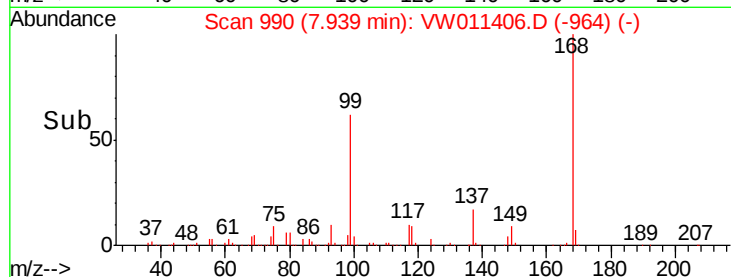
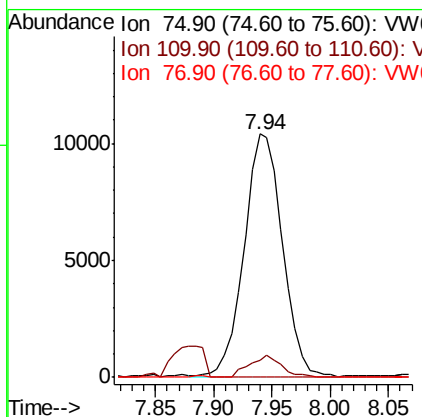
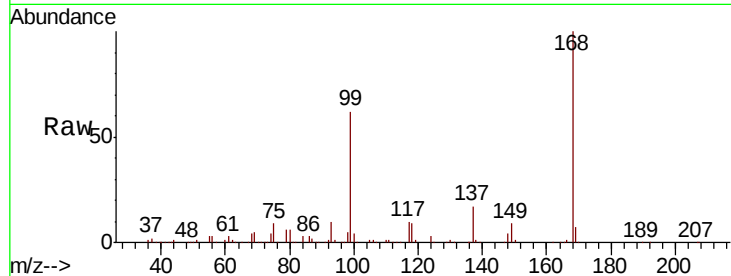




#36
 1,1-Dichloropropene
 Concen: 4.953 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011406.D
 Acq: 20 Jul 2019 06:10

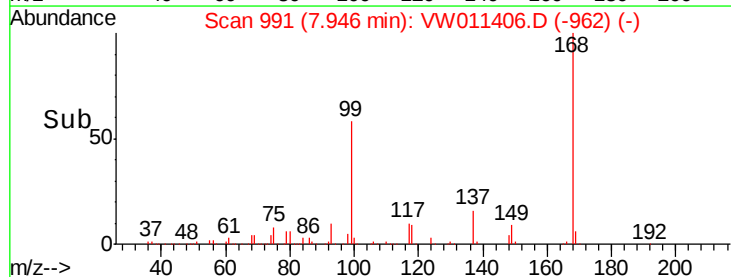
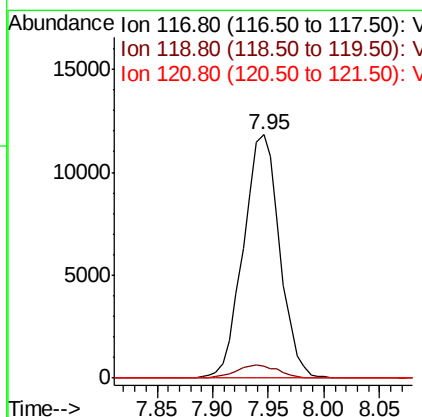
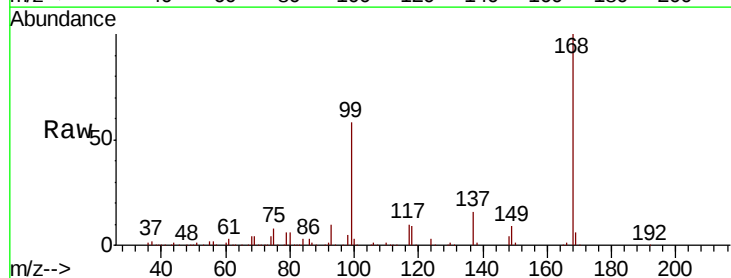
Instrument :
 MSVOA_W
 ClientSampled :
 SB-7(0-2)

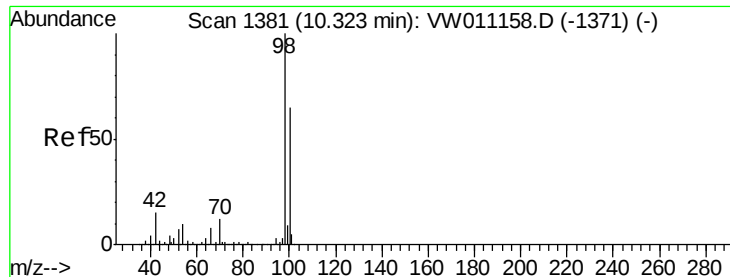
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.5	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.546 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011406.D
 Acq: 20 Jul 2019 06:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.1	117.1#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 52.118 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011406.D

Acq: 20 Jul 2019 06:10

Instrument :

MSVOA_W

ClientSampled :

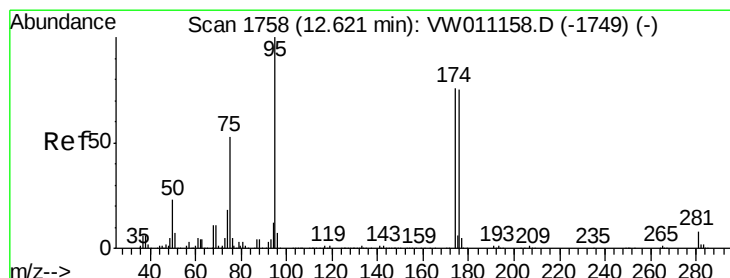
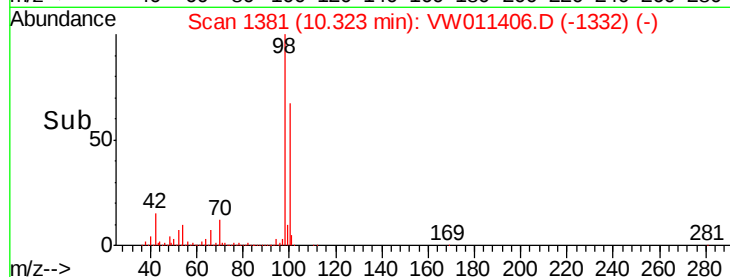
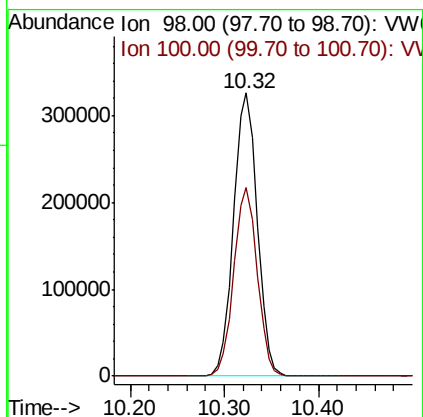
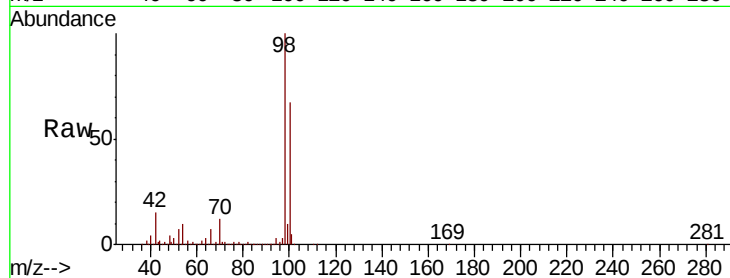
SB-7(0-2)

Tot Ion: 98 Resp: 570261

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 43.459 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011406.D

Acq: 20 Jul 2019 06:10

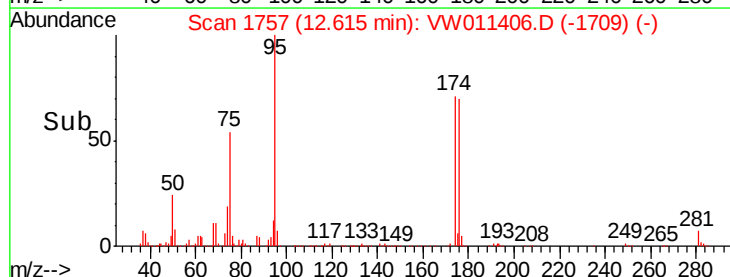
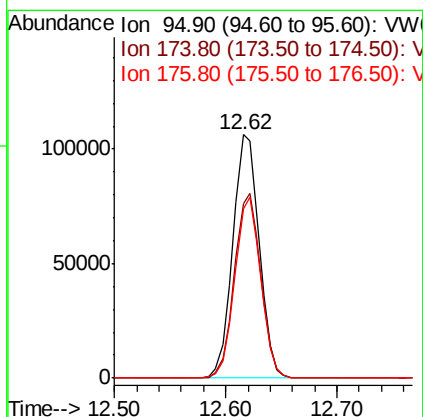
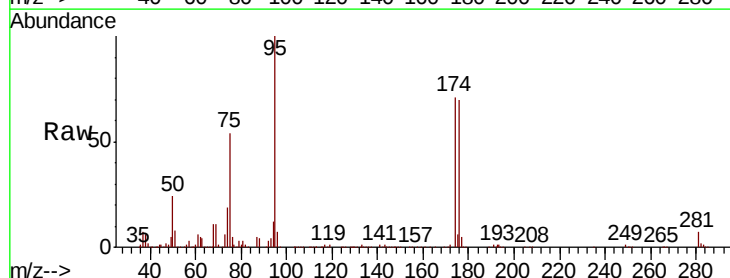
Tgt Ion: 95 Resp: 174295

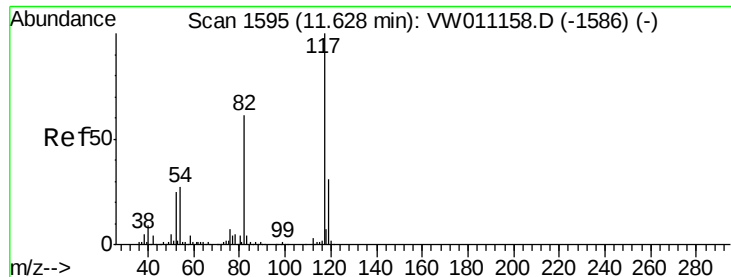
Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.6

176 72.8 0.0 144.6

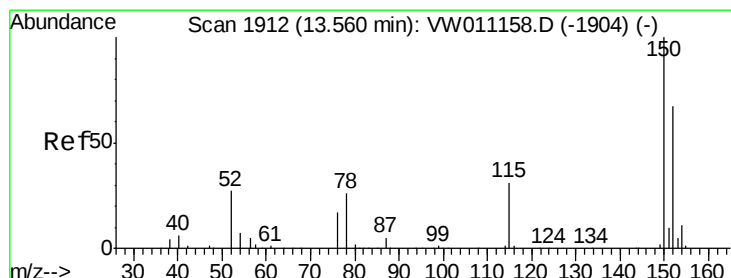
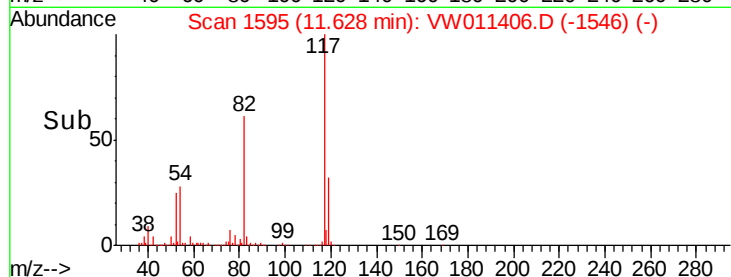
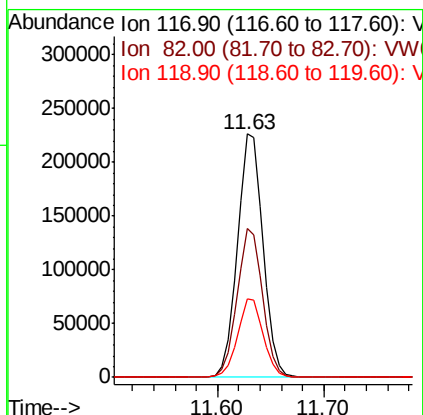
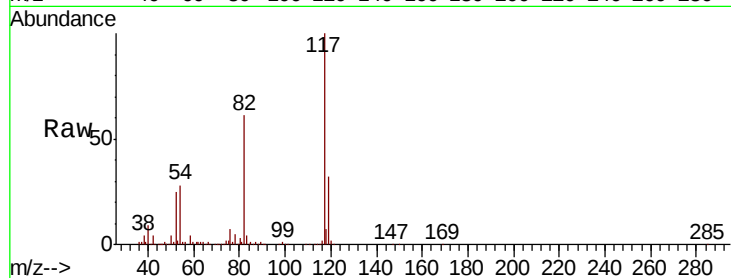




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011406.D
Acq: 20 Jul 2019 06:10

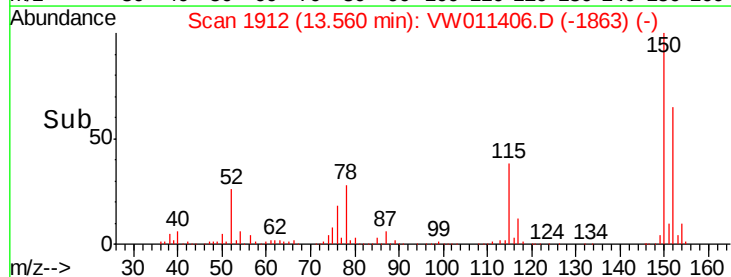
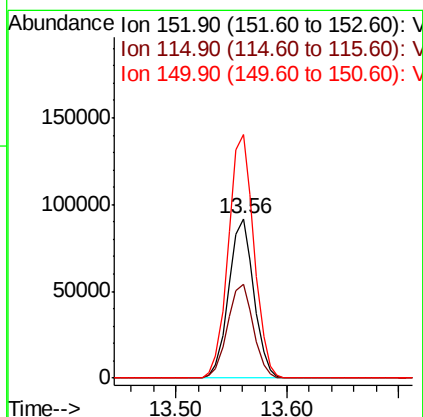
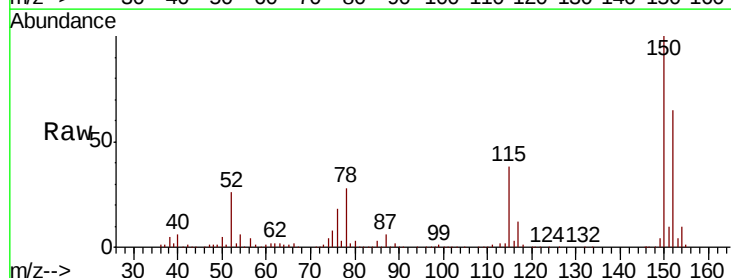
Instrument :
MSVOA_W
ClientSampled :
SB-7(0-2)

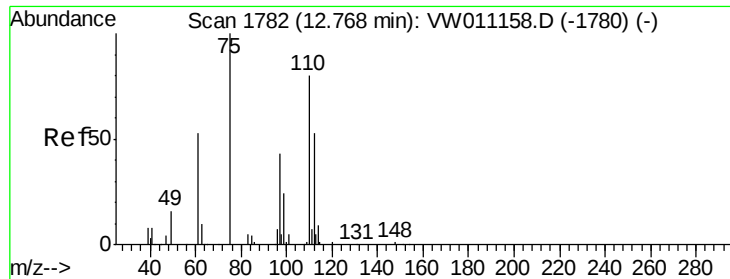
Tot Ion:117 Resp: 382670
Ion Ratio Lower Upper
117 100
82 61.4 48.9 73.3
119 32.2 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011406.D
Acq: 20 Jul 2019 06:10

Tgt Ion:152 Resp: 143105
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 155.2 0.0 346.0

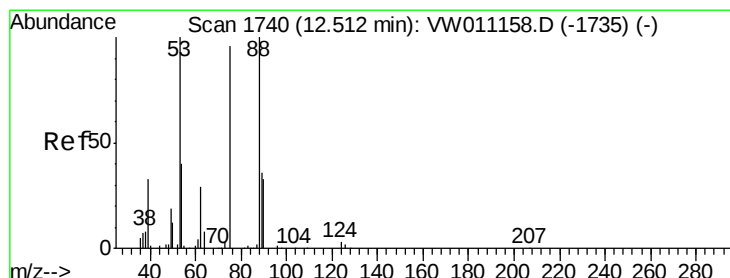
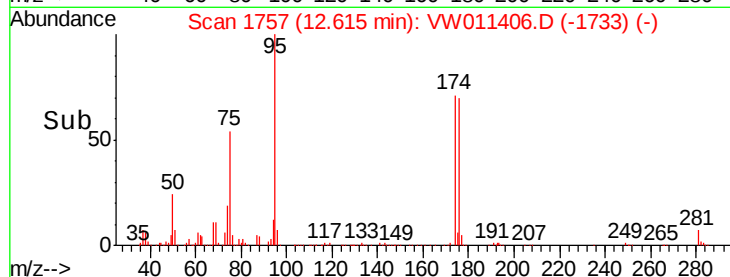
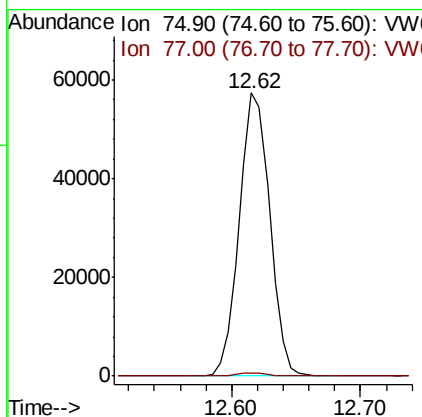
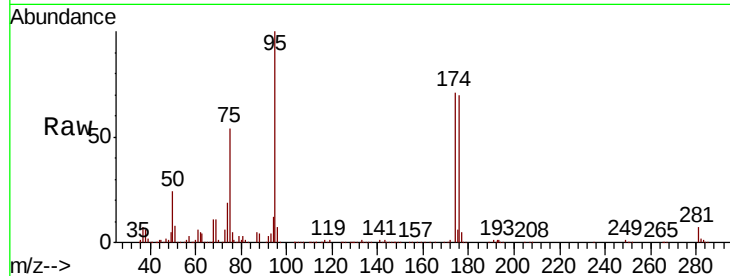




#76
 1,2,3-Trichloropropane
 Concen: 56.721 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011406.D
 Acq: 20 Jul 2019 06:10

Instrument :
 MSVOA_W
 ClientSampled :
 SB-7(0-2)

Tot Ion: 75 Resp: 93803
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.292 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011406.D
 Acq: 20 Jul 2019 06:10

Tgt Ion: 75 Resp: 93803
 Ion Ratio Lower Upper
 75 100
 53 0.1 89.8 134.6#
 89 0.1 34.3 51.5#

