

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW083019\
 Data File : VW012382.D
 Acq On : 31 Aug 2019 06:22
 Operator : SY/VA
 Sample : K4554-07RE
 Misc : 4.23G/5ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15-(0-2)

Quant Time: Aug 31 06:48:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118323	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	128897	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
35) Dibromofluoromethane	7.88	113	105477	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
50) Toluene-d8	10.32	98	418848	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	134193	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	

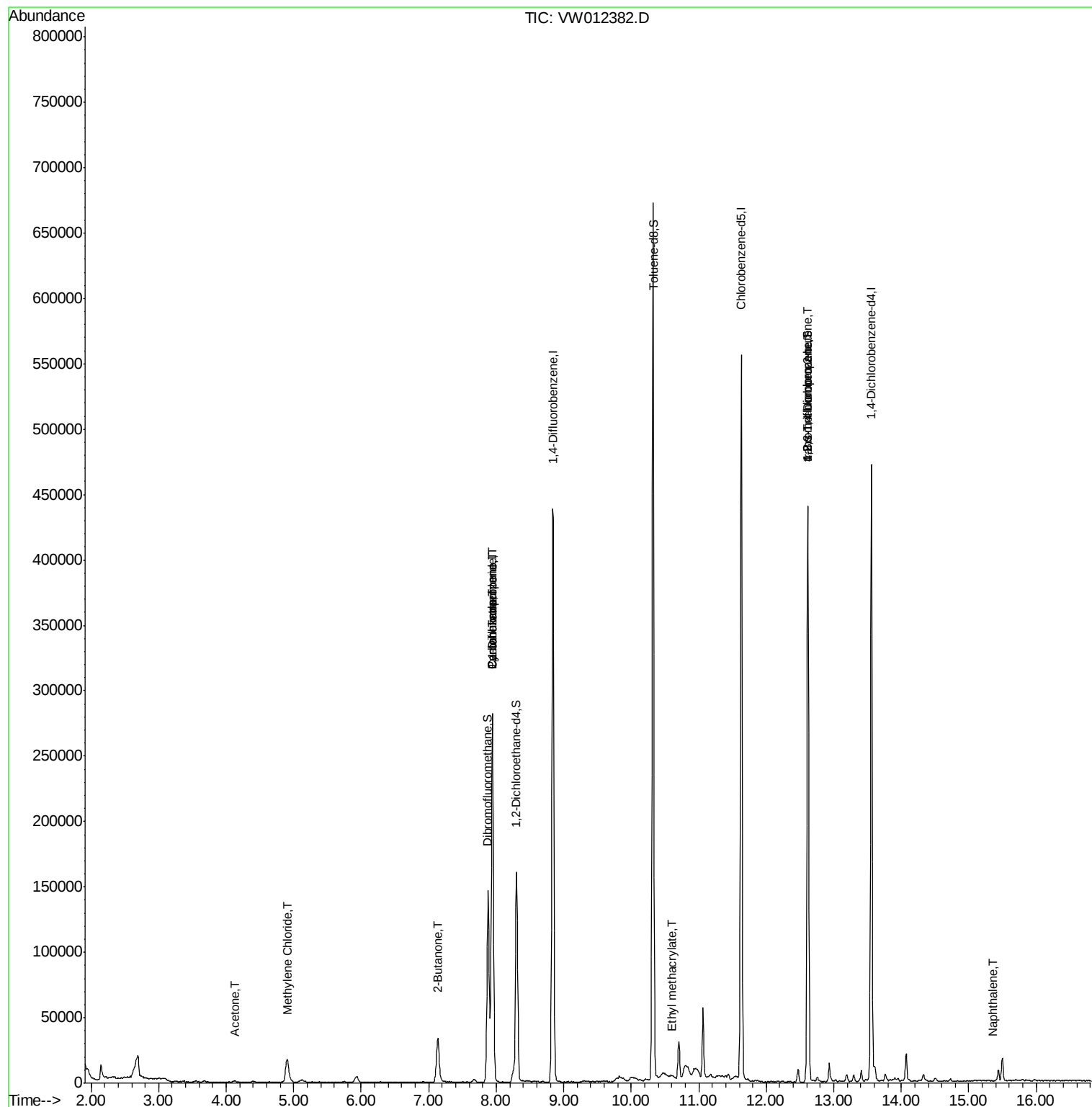
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	2326	3.710	ug/l	97
20) Methylene Chloride	4.90	84	12821	5.409	ug/l	94
25) 2-Butanone	7.13	43	2086	2.448	ug/l #	82
31) Cyclohexane	7.95	56	5029	1.138	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18368	5.215	ug/l #	51
38) Carbon Tetrachloride	7.95	117	21178	6.947	ug/l #	17
56) Ethyl methacrylate	10.60	69	3559	1.501	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	73662	63.922	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73662	140.150	ug/l #	6
95) Naphthalene	15.36	128	53	4.332	ug/l #	1

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

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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: VW012382.D

Acq: 31 Aug 2019 06:22

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MSVOA_W

ClientSampleId :

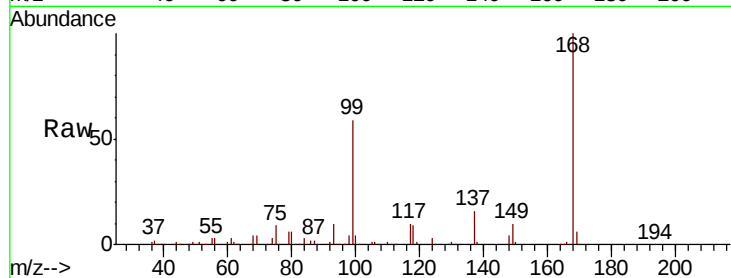
SB-15-(0-2)

Tgt Ion:168 Resp: 206343

Ion Ratio Lower Upper

168 100

99 59.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

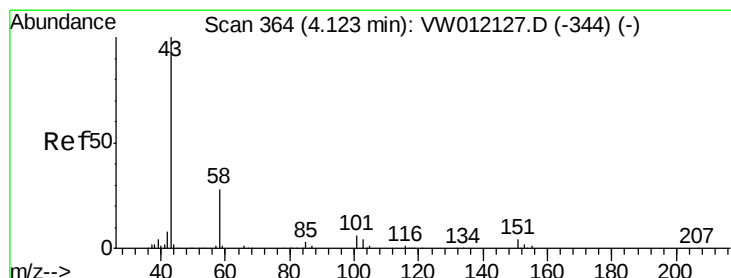
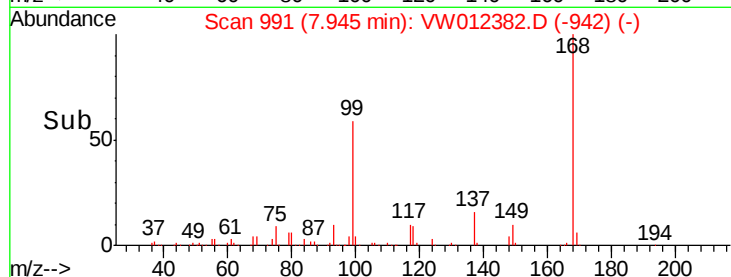
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.710 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012382.D

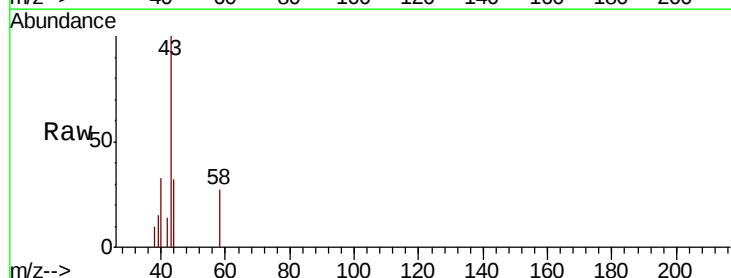
Acq: 31 Aug 2019 06:22

Tgt Ion: 43 Resp: 2326

Ion Ratio Lower Upper

43 100

58 26.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

800

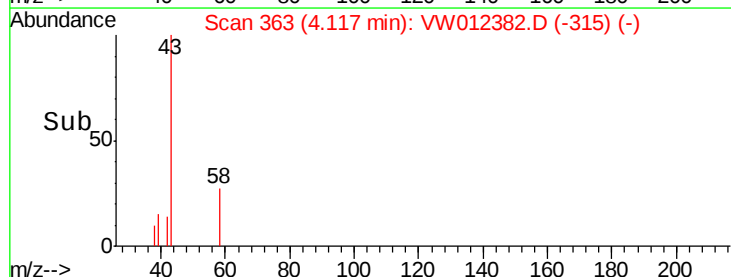
600

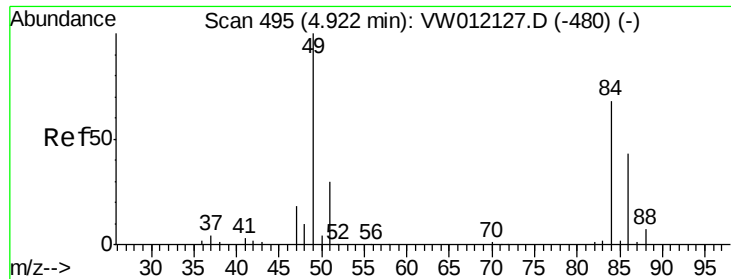
400

200

0

Time-->

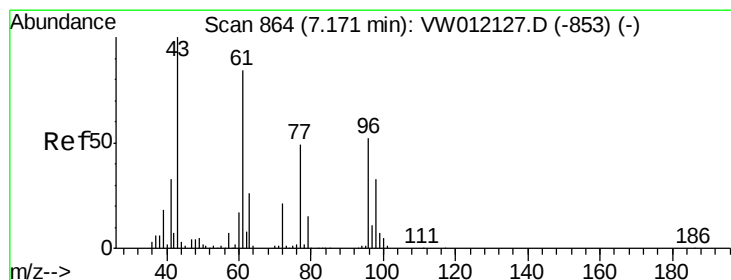
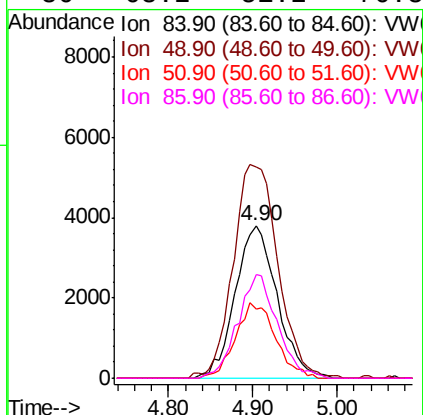
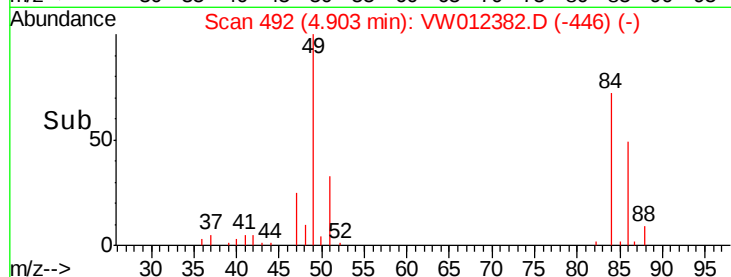
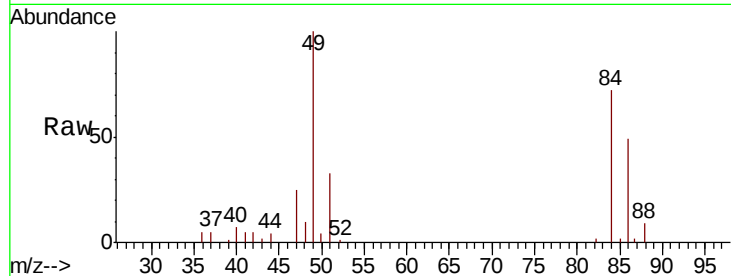




#20
Methylene Chloride
Concen: 5.409 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012382.D
Acq: 31 Aug 2019 06:22

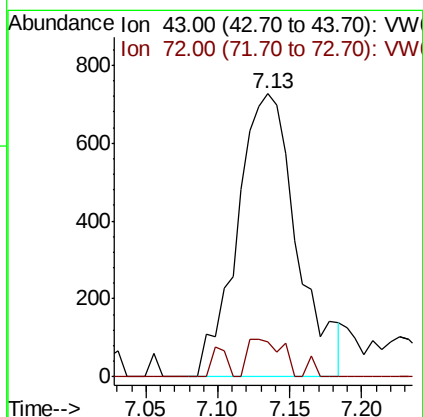
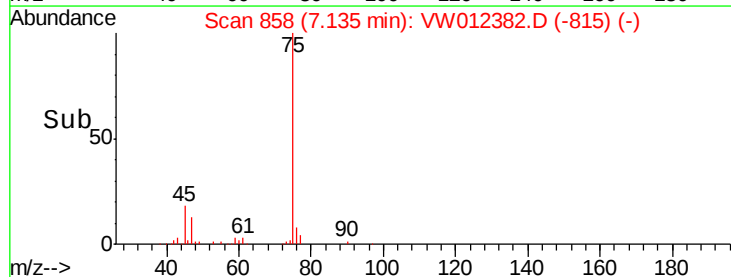
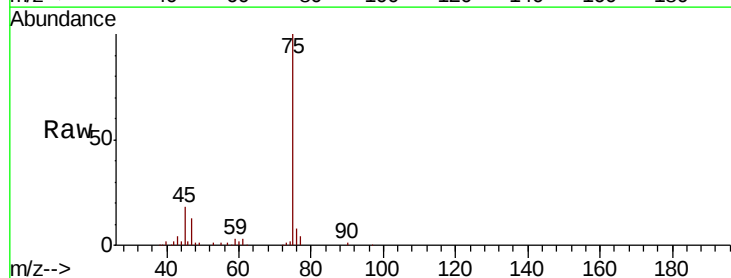
Instrument :
MSVOA_W
ClientSampleId :
SB-15-(0-2)

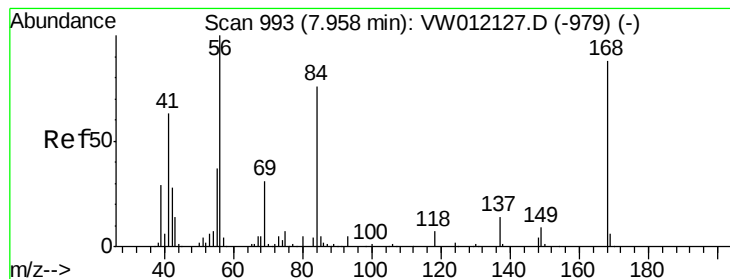
Tgt Ion:	84	Resp:	12821
Ion	Ratio	Lower	Upper
84	100		
49	138.4	117.8	176.8
51	45.4	35.6	53.4
86	68.2	51.2	76.8



#25
2-Butanone
Concen: 2.448 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW012382.D
Acq: 31 Aug 2019 06:22

Tgt Ion:	43	Resp:	2086
Ion	Ratio	Lower	Upper
43	100		
72	12.5	16.6	24.8#





#31

Cyclohexane

Concen: 1.138 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012382.D

Acq: 31 Aug 2019 06:22

Instrument :

MSVOA_W

ClientSampled :

SB-15-(0-2)

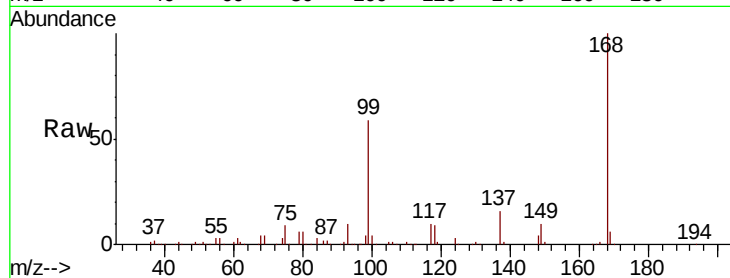
Tgt Ion: 56 Resp: 5029

Ion Ratio Lower Upper

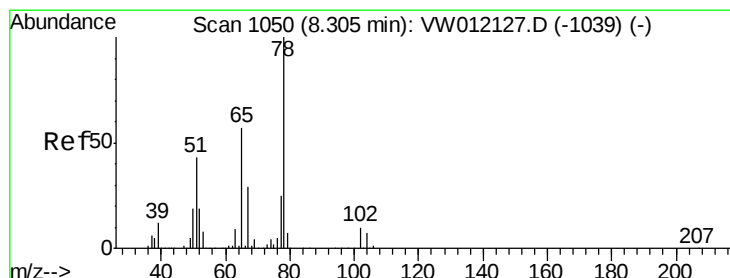
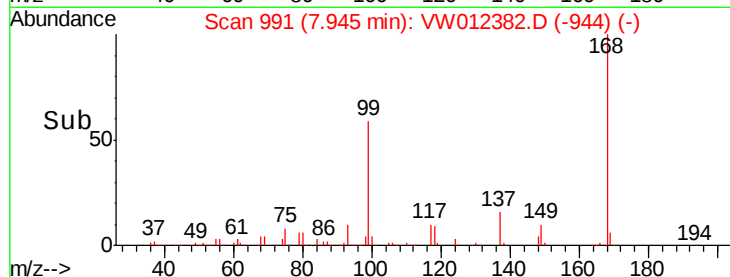
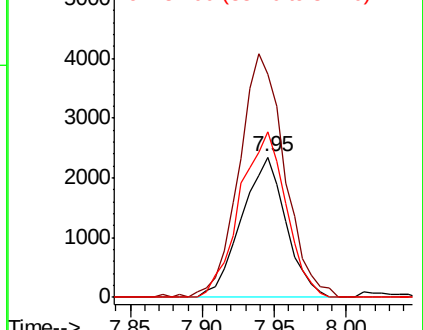
56 100

69 159.1 24.9 37.3#

84 117.8 60.6 90.8#



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: 52.549 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012382.D

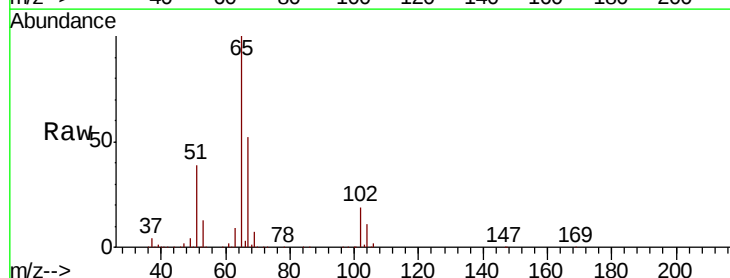
Acq: 31 Aug 2019 06:22

Tgt Ion: 65 Resp: 128897

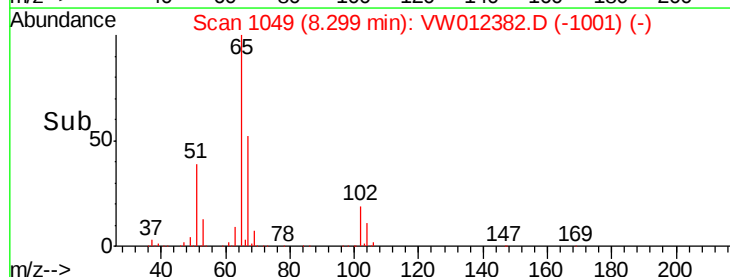
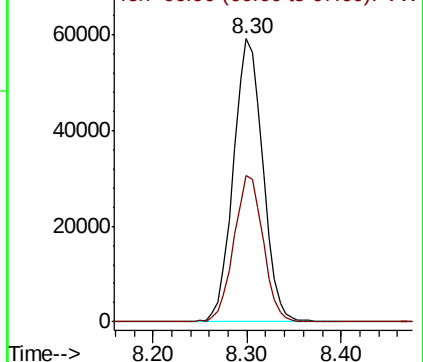
Ion Ratio Lower Upper

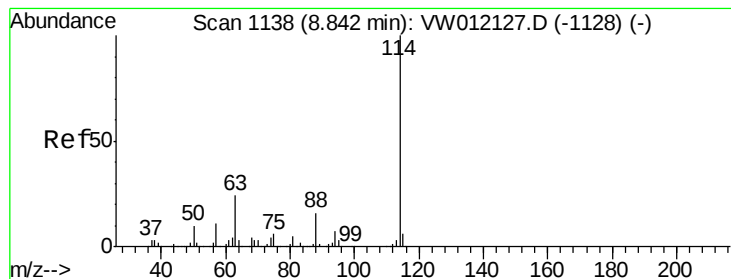
65 100

67 51.4 0.0 102.6



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: VW012382.D

Acq: 31 Aug 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

SB-15-(0-2)

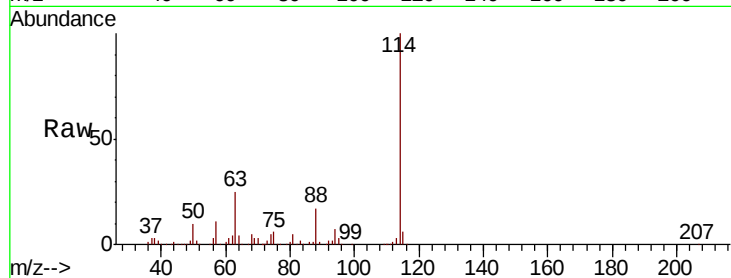
Tgt Ion:114 Resp: 340835

Ion Ratio Lower Upper

114 100

63 24.7 0.0 48.6

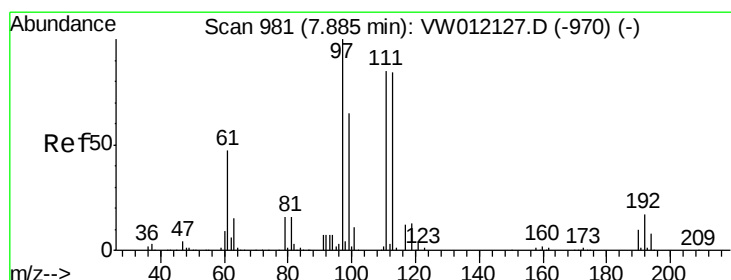
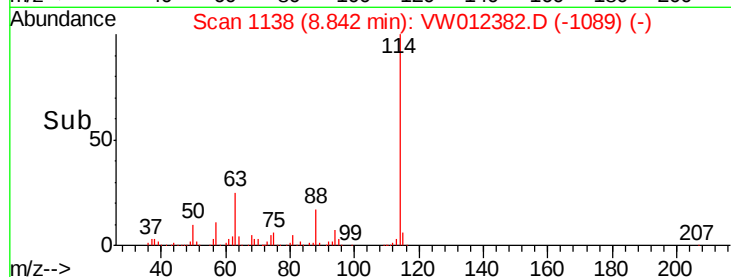
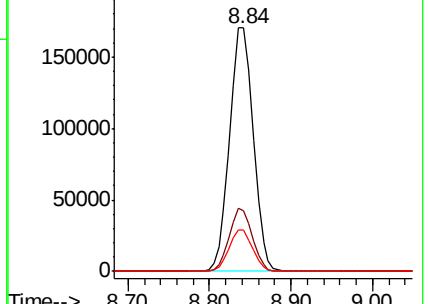
88 16.9 0.0 32.2



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: 51.845 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012382.D

Acq: 31 Aug 2019 06:22

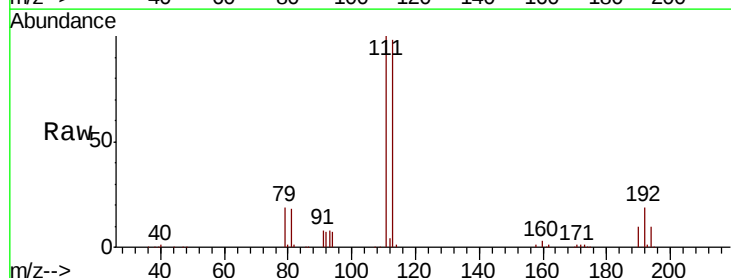
Tgt Ion:113 Resp: 105477

Ion Ratio Lower Upper

113 100

111 101.5 82.7 124.1

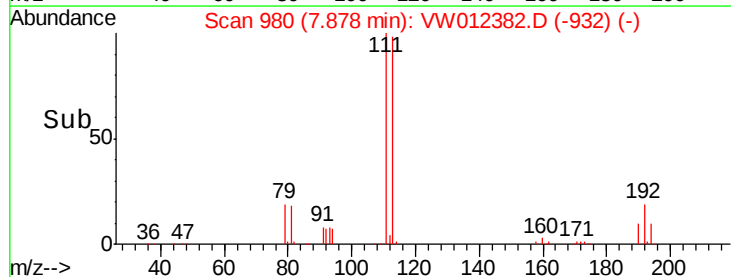
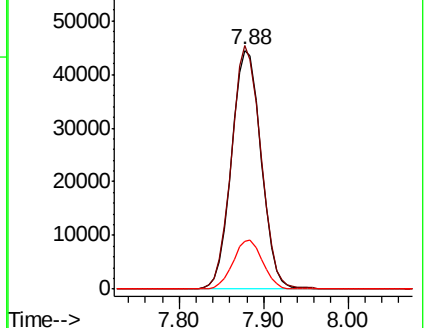
192 20.5 16.2 24.2

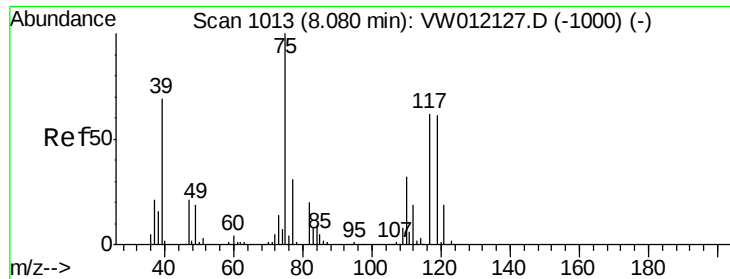


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

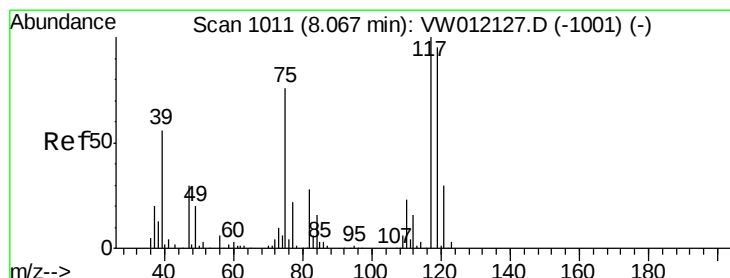
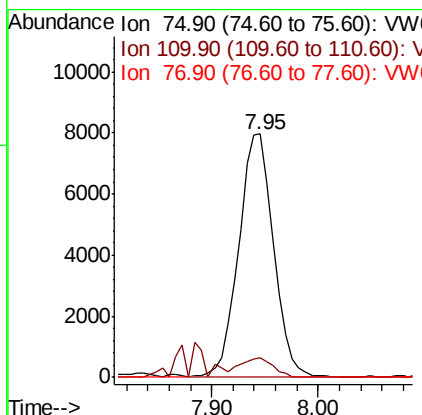
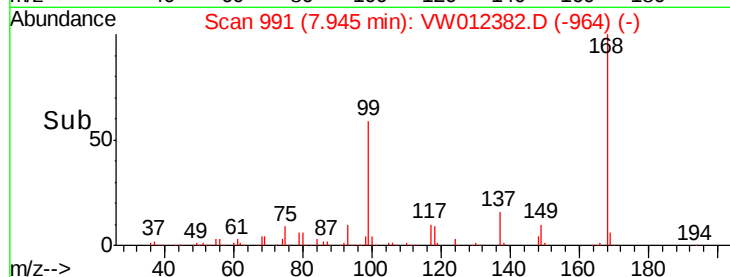
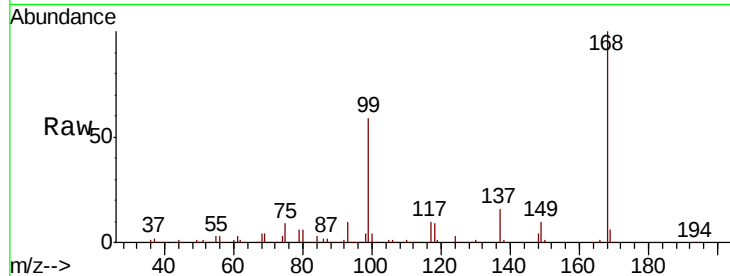




#36
 1,1-Dichloropropene
 Concen: 5.215 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012382.D
 Acq: 31 Aug 2019 06:22

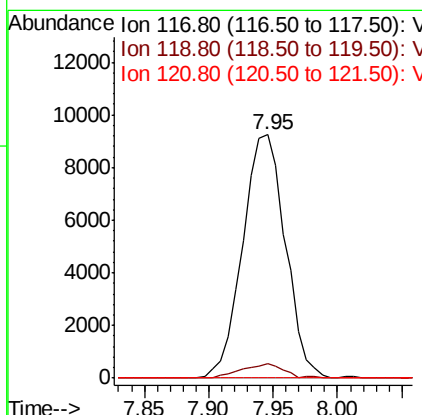
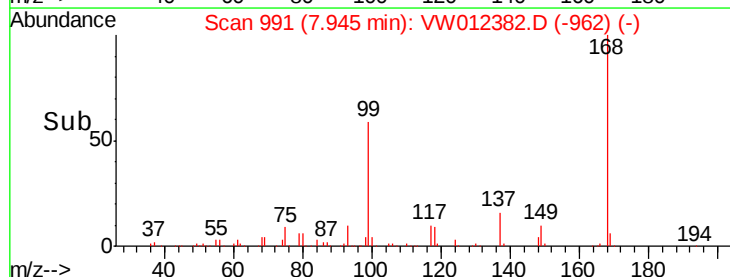
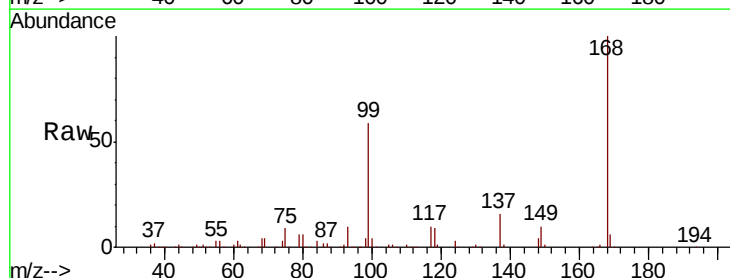
Instrument :
 MSVOA_W
 ClientSampleID :
 SB-15-(0-2)

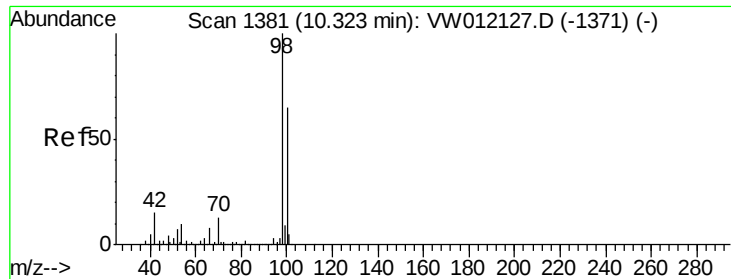
Tgt Ion: 75 Resp: 18368
 Ion Ratio Lower Upper
 75 100
 110 7.5 15.6 46.8#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.947 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012382.D
 Acq: 31 Aug 2019 06:22

Tgt Ion: 117 Resp: 21178
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.2 114.2#
 121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 50.775 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012382.D

Acq: 31 Aug 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

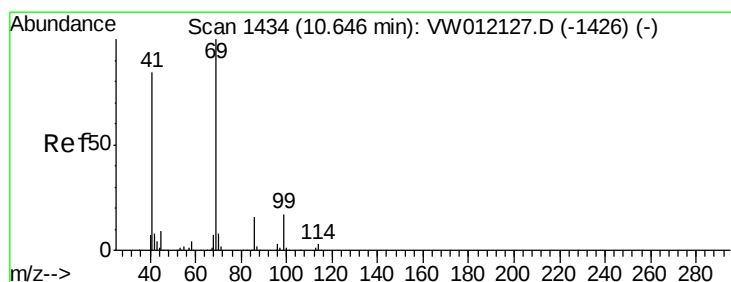
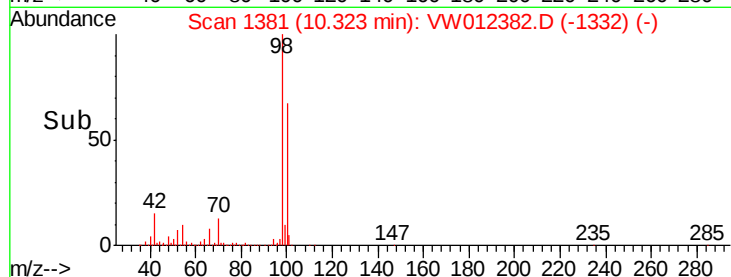
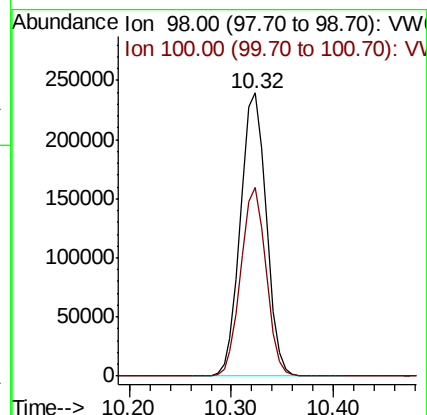
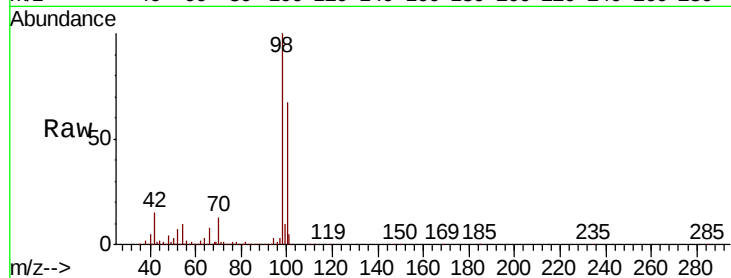
SB-15-(0-2)

Tgt Ion: 98 Resp: 418848

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#56

Ethyl methacrylate

Concen: 1.501 ug/l

RT: 10.60 min Scan# 1426

Delta R.T. -0.05 min

Lab File: VW012382.D

Acq: 31 Aug 2019 06:22

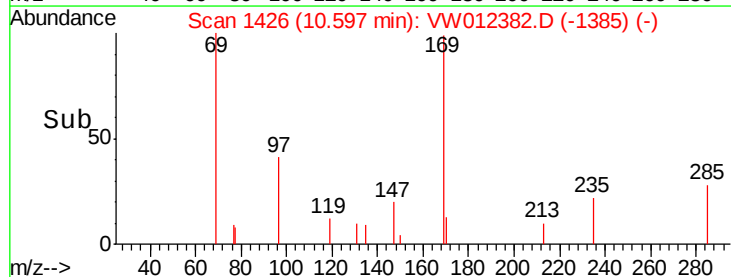
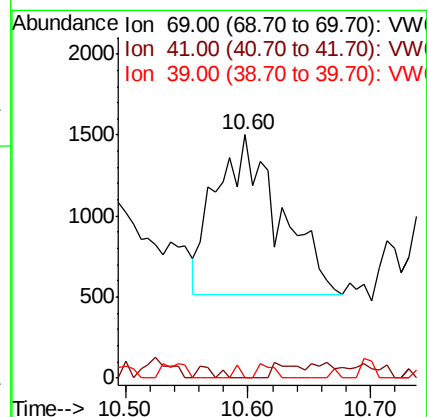
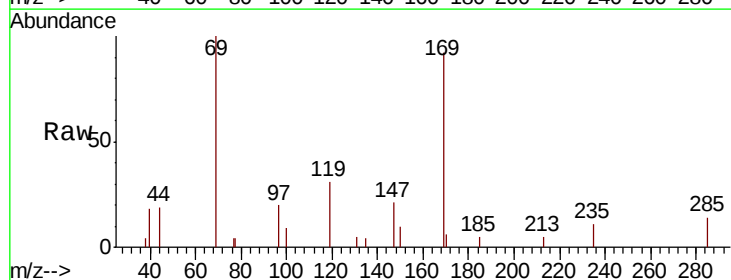
Tgt Ion: 69 Resp: 3559

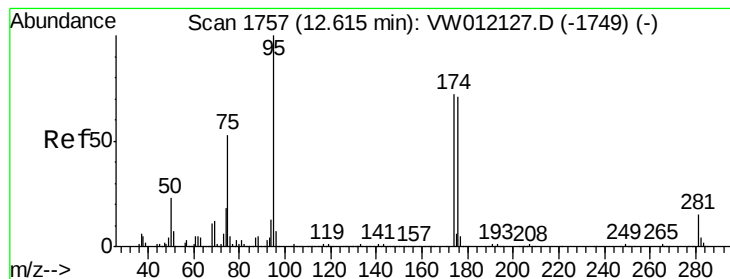
Ion Ratio Lower Upper

69 100

41 0.0 66.5 99.7#

39 0.9 31.0 46.4#





#62

4-Bromofluorobenzene

Concen: 46.149 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012382.D

Acq: 31 Aug 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

SB-15-(0-2)

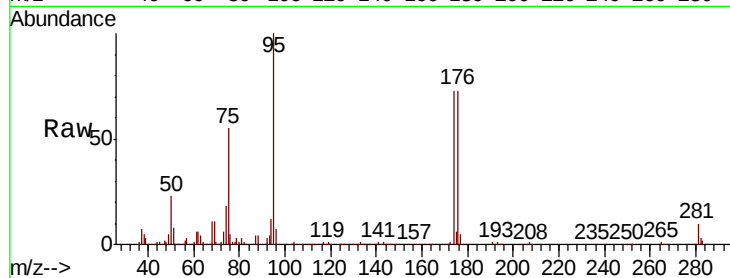
Tgt Ion: 95 Resp: 134193

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.8

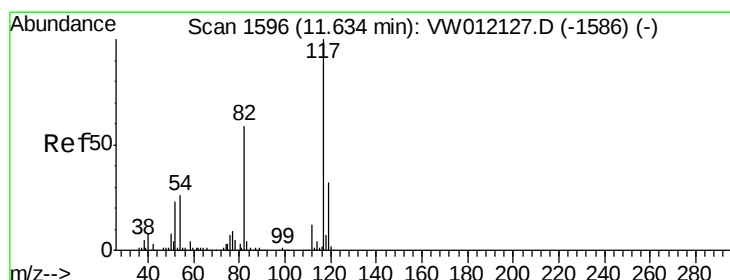
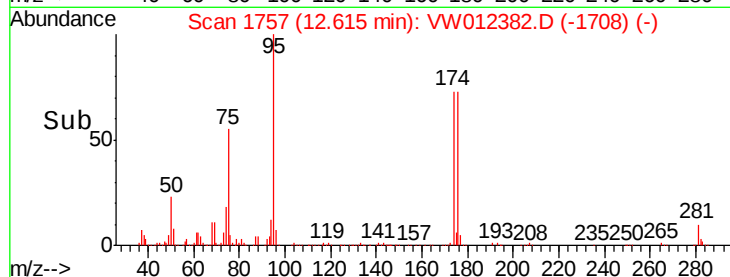
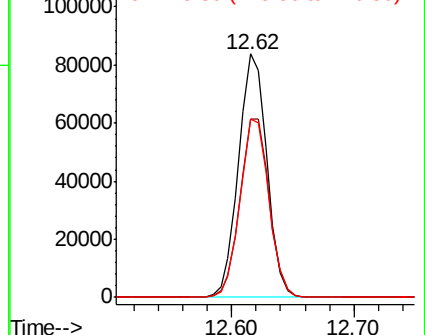
176 74.5 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012382.D

Acq: 31 Aug 2019 06:22

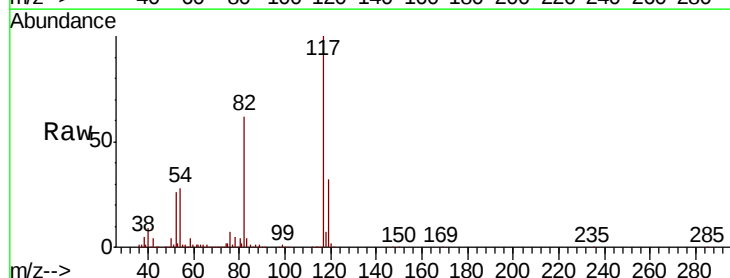
Tgt Ion: 117 Resp: 285626

Ion Ratio Lower Upper

117 100

82 61.8 47.4 71.2

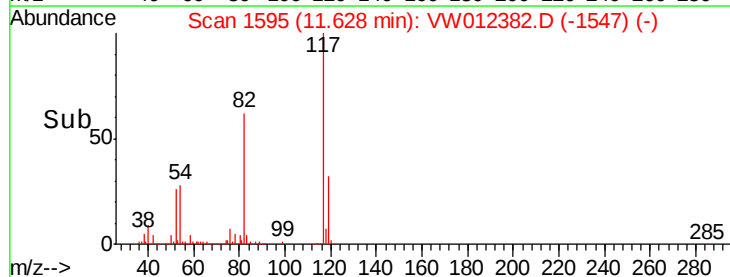
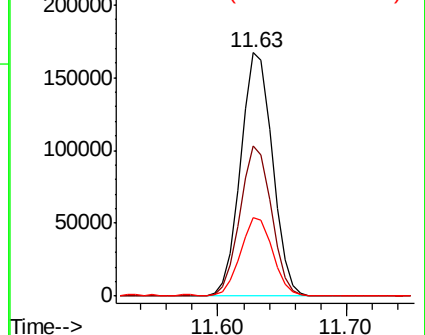
119 31.9 25.4 38.2

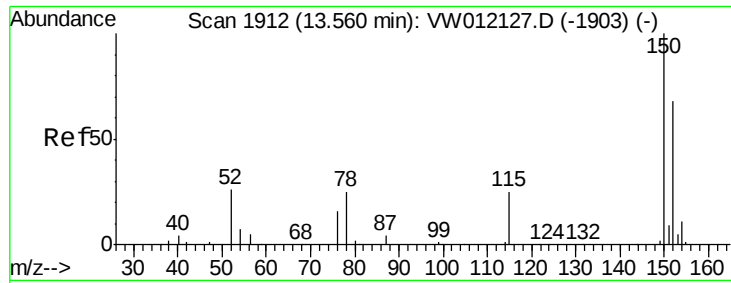


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012382.D

Acq: 31 Aug 2019 06:22

Instrument :

MSVOA_W

ClientSampleId :

SB-15-(0-2)

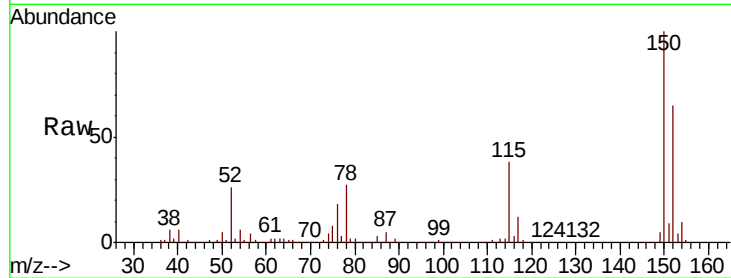
Tgt Ion:152 Resp: 118323

Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.3

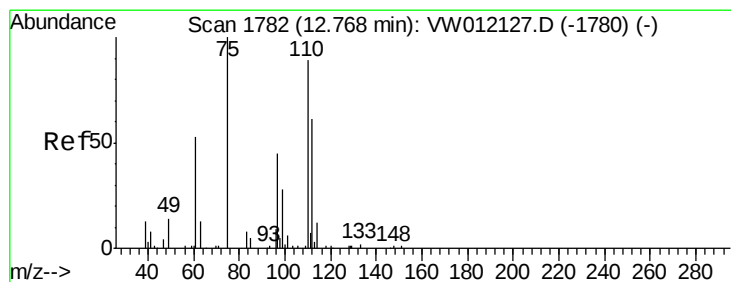
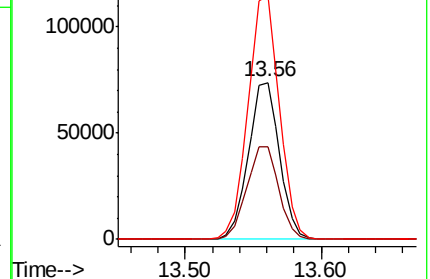
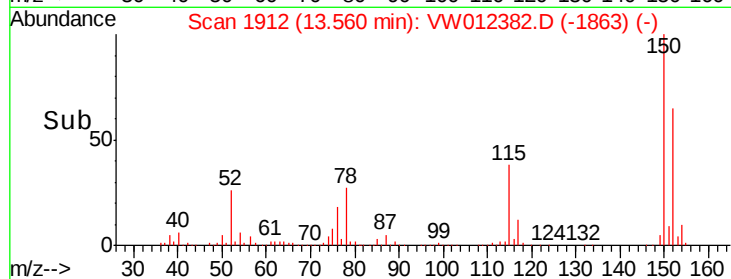
150 156.9 0.0 345.8



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: 63.922 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012382.D

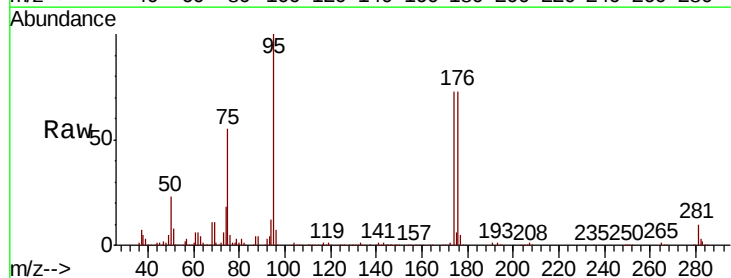
Acq: 31 Aug 2019 06:22

Tgt Ion: 75 Resp: 73662

Ion Ratio Lower Upper

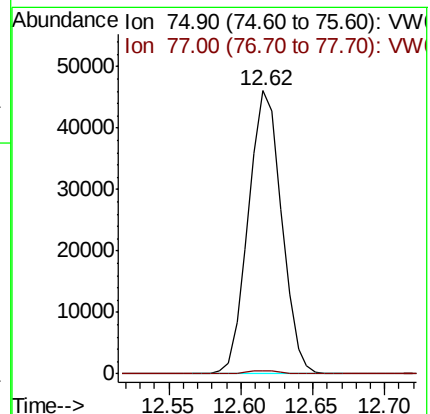
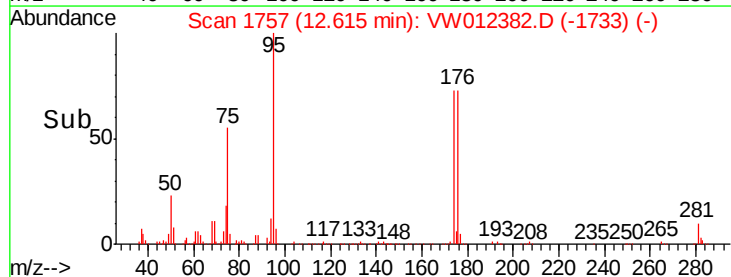
75 100

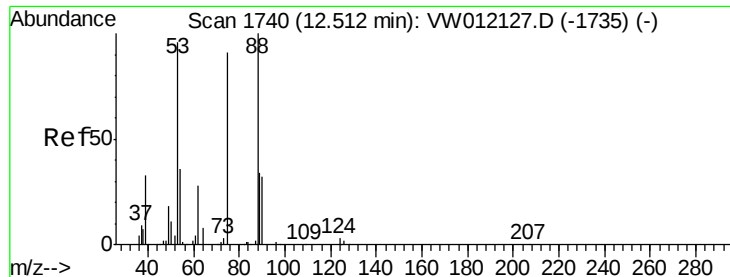
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

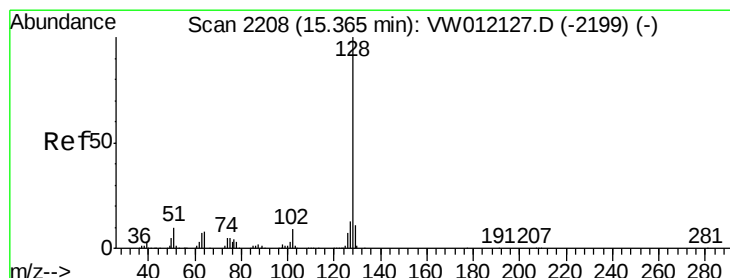
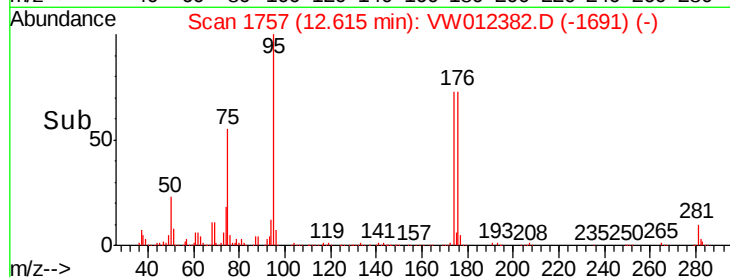
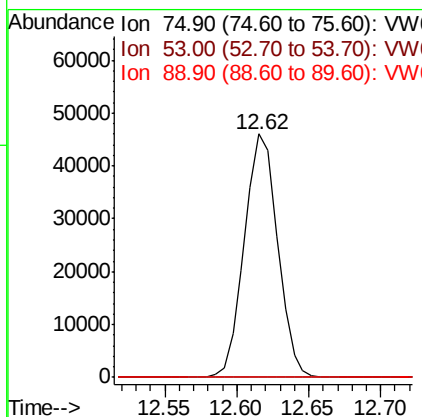
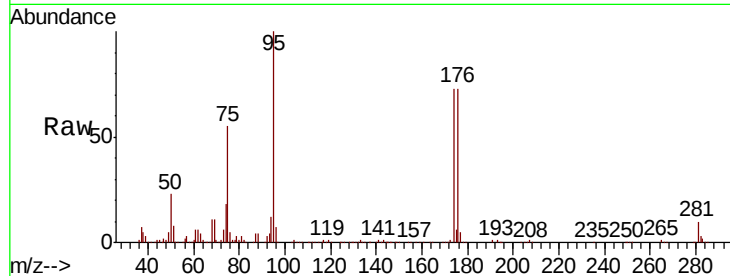




#81
trans-1,4-Dichloro-2-butene
Concen: 140.150 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012382.D
Acq: 31 Aug 2019 06:22

Instrument :
MSVOA_W
ClientSampleId :
SB-15-(0-2)

Tgt Ion: 75 Resp: 73662
Ion Ratio Lower Upper
75 100
53 0.1 89.4 134.0#
89 0.2 34.5 51.7#



#95
Naphthalene
Concen: 4.332 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012382.D
Acq: 31 Aug 2019 06:22

Tgt Ion: 128 Resp: 53
Ion Ratio Lower Upper
128 100
127 77.4 10.7 16.1#
129 0.0 8.7 13.1#

