

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
 Data File : VW010426.D
 Acq On : 17 May 2019 23:13
 Operator : SY/VA
 Sample : VW0517SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBL01

Quant Time: May 18 00:01:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:49:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	677022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1241188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1062796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	435848	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	402350	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	
35) Dibromofluoromethane	7.88	113	399473	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
50) Toluene-d8	10.32	98	1505012	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.62	95	545339	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	

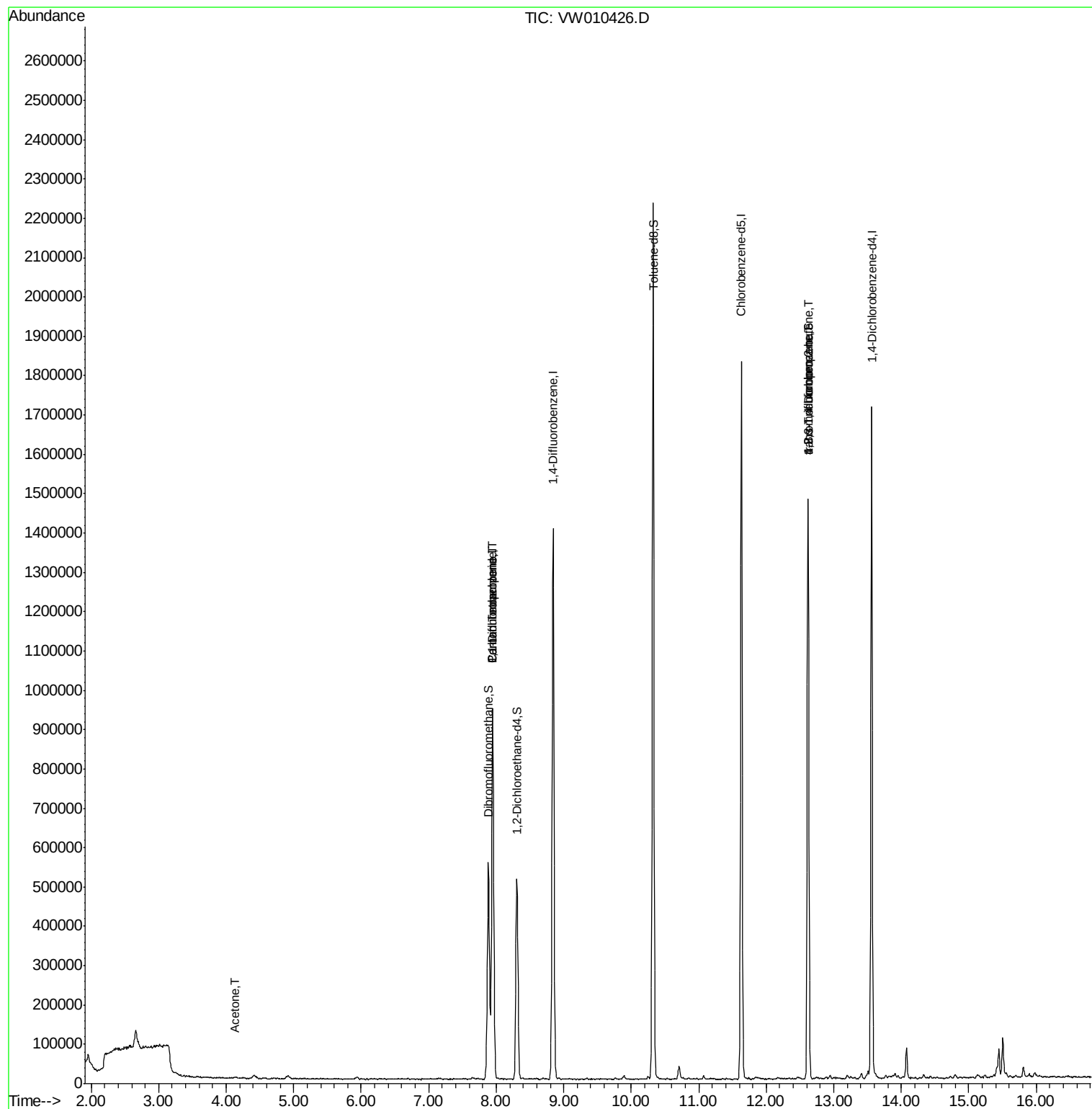
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	1306	Below Cal		78
3) Chloromethane	2.21	50	2202	Below Cal	#	84
5) Bromomethane	2.76	94	703	Below Cal	#	35
13) Acrolein	3.88	56	320	Below Cal	#	1
16) Acetone	4.14	43	6516	4.982	ug/l	94
20) Methylene Chloride	4.92	84	7221	Below Cal	#	88
31) Cyclohexane	7.95	56	13465	Below Cal	#	6
36) 1,1-Dichloropropene	7.95	75	57667	5.248	ug/l	# 48
38) Carbon Tetrachloride	7.95	117	73621	6.208	ug/l	# 14
76) 1,2,3-Trichloropropane	12.62	75	261176	55.960	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	261176	110.429	ug/l	# 14

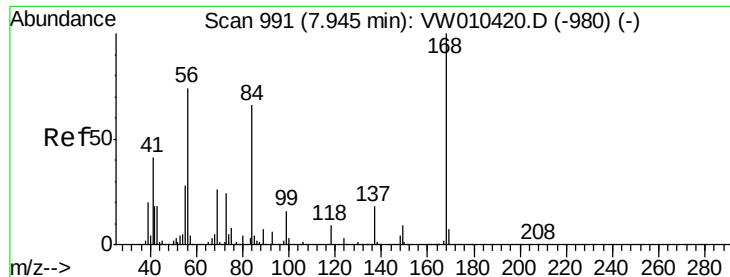
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
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VW0517SBL01

Quant Time: May 18 00:01:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:49:26 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: VW010426.D

Acq: 17 May 2019 23:13

Instrument :

MSVOA_W

ClientSampleId :

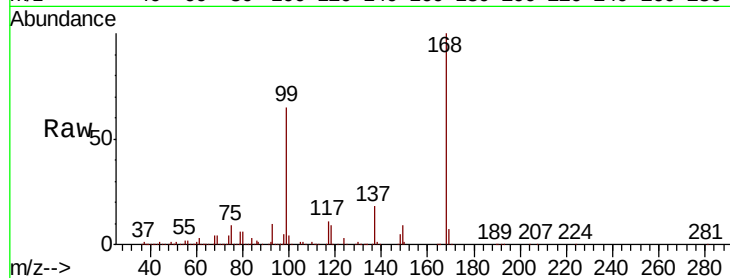
VW0517SBL01

Tgt Ion:168 Resp: 677022

Ion Ratio Lower Upper

168 100

99 64.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

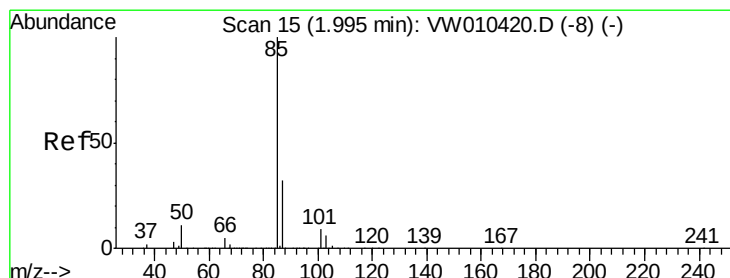
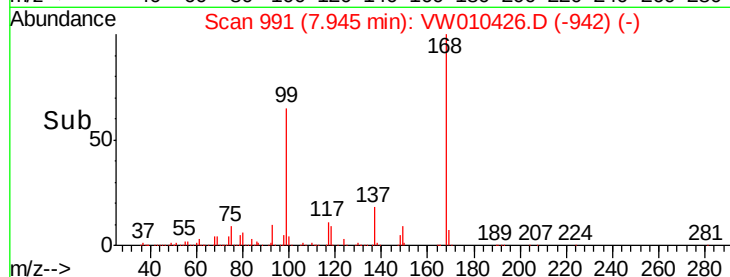
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010426.D

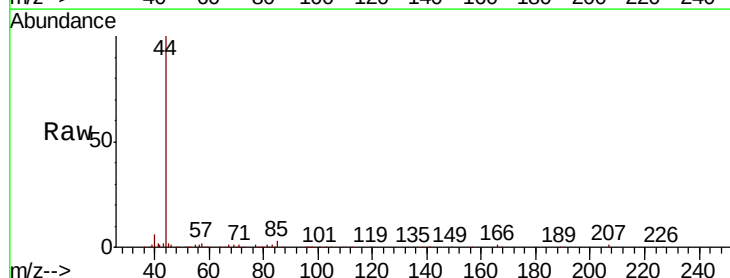
Acq: 17 May 2019 23:13

Tgt Ion: 85 Resp: 1306

Ion Ratio Lower Upper

85 100

87 20.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

1200

1000

800

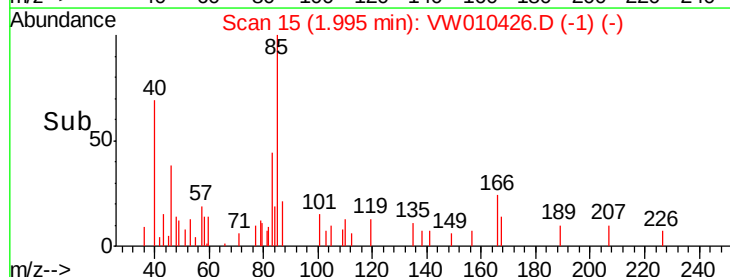
600

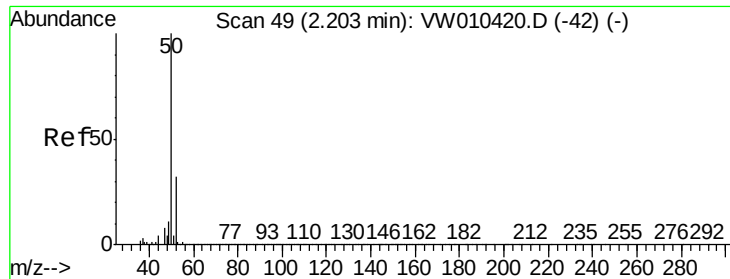
400

200

0

Time--> 1.95 2.00





#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 50

Delta R.T. 0.01 min

Lab File: VW010426.D

Acq: 17 May 2019 23:13

Instrument :

MSVOA_W

ClientSampled :

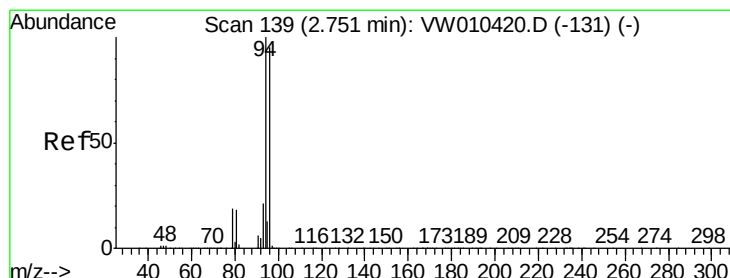
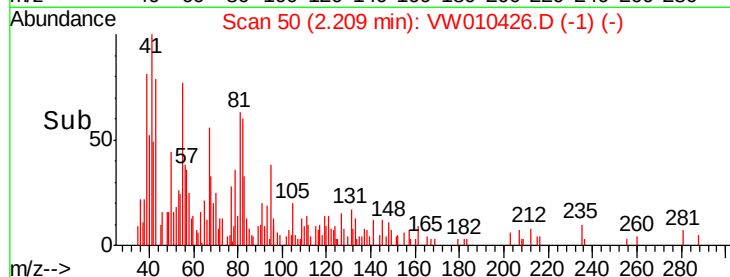
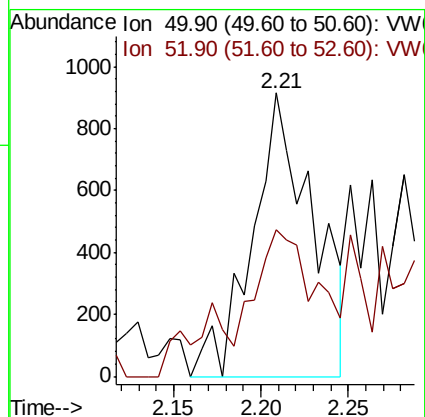
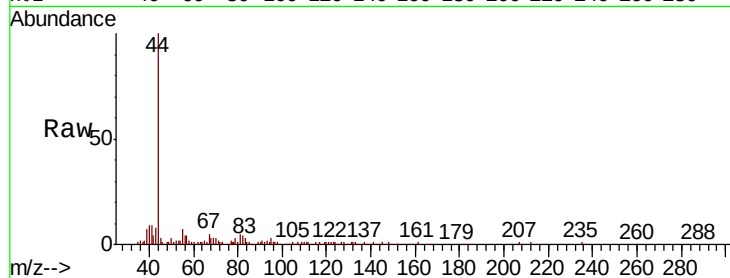
VW0517SBL01

Tgt Ion: 50 Resp: 2202

Ion Ratio Lower Upper

50 100

52 40.4 25.4 38.0#



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW010426.D

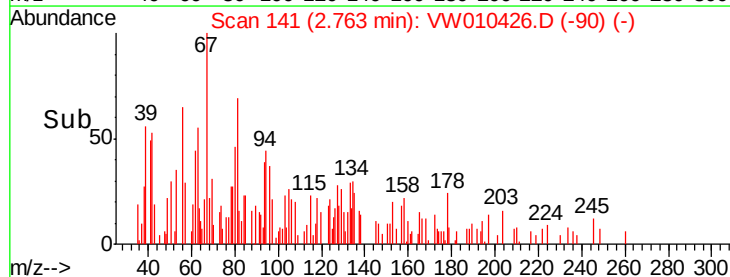
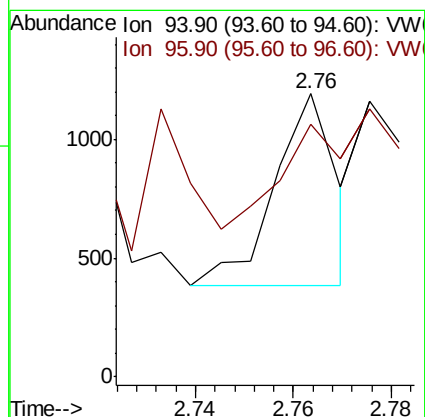
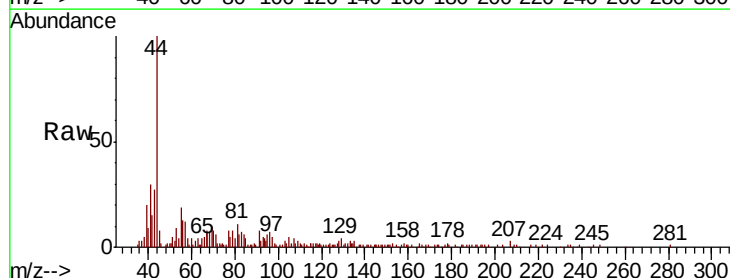
Acq: 17 May 2019 23:13

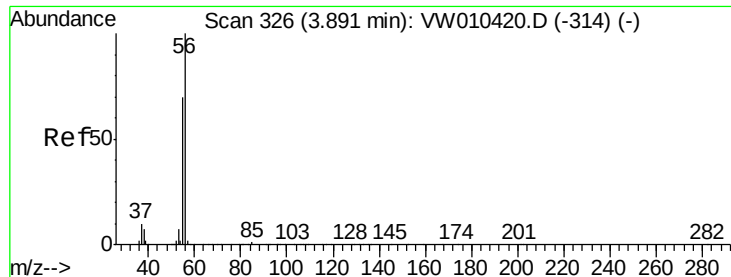
Tgt Ion: 94 Resp: 703

Ion Ratio Lower Upper

94 100

96 31.2 75.8 113.6#





#13

Acrolein

Concen: Below Cal

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW010426.D

Acq: 17 May 2019 23:13

Instrument :

MSVOA_W

ClientSampleId :

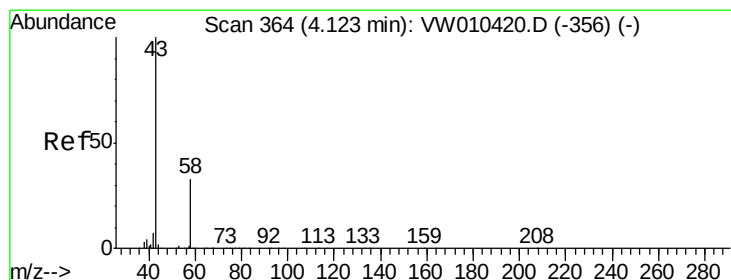
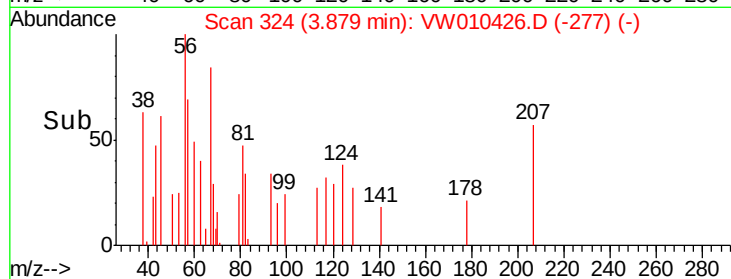
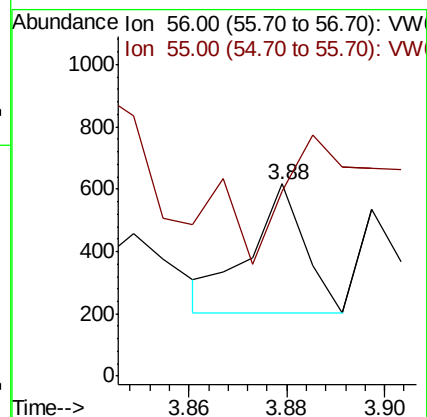
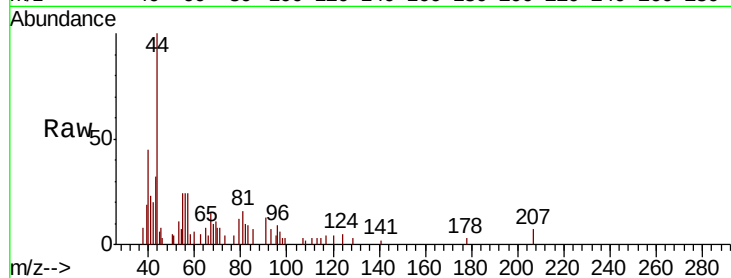
VW0517SBL01

Tgt Ion: 56 Resp: 320

Ion Ratio Lower Upper

56 100

55 180.6 57.6 86.4#



#16

Acetone

Concen: 4.982 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010426.D

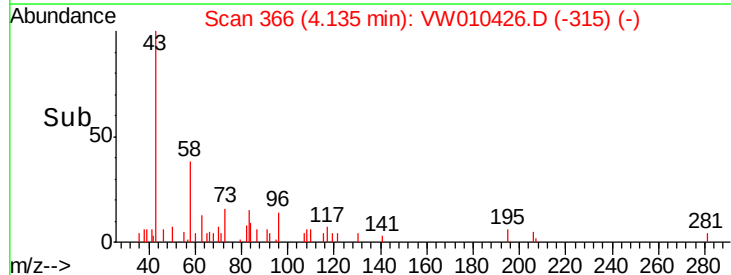
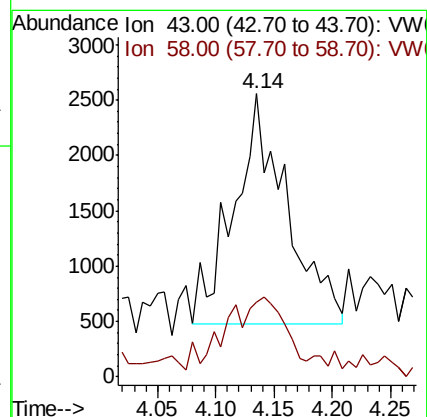
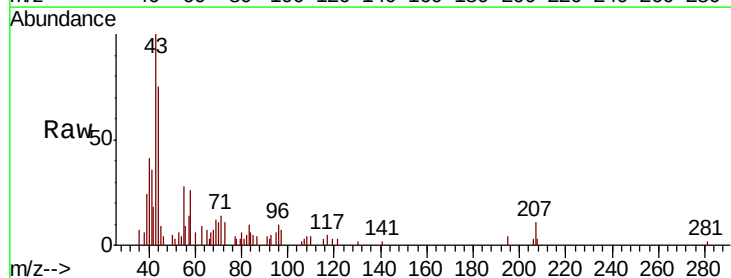
Acq: 17 May 2019 23:13

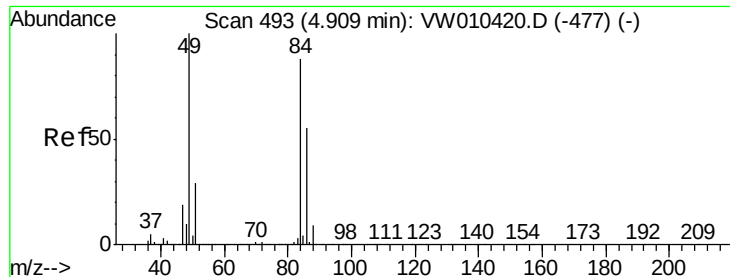
Tgt Ion: 43 Resp: 6516

Ion Ratio Lower Upper

43 100

58 29.1 26.0 39.0

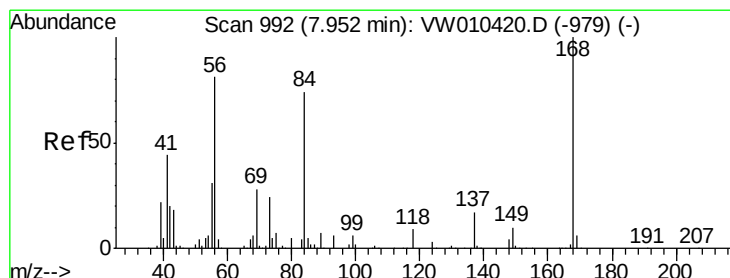
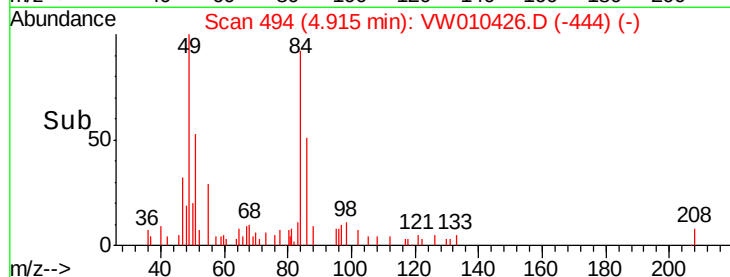
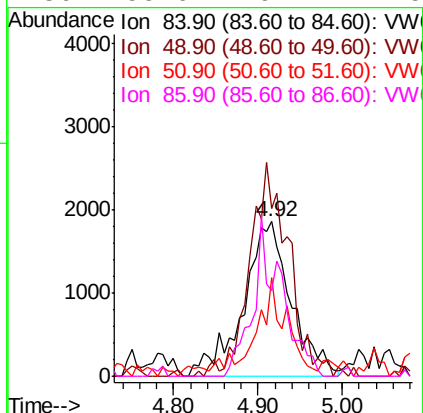
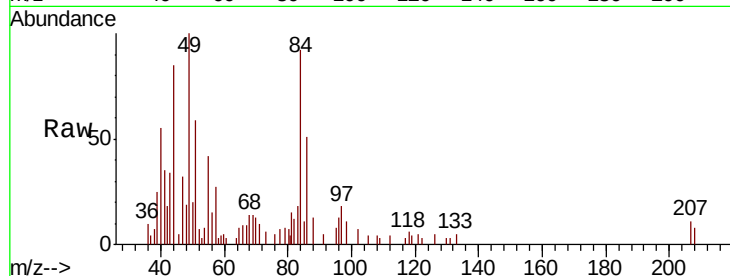




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010426.D
Acq: 17 May 2019 23:13

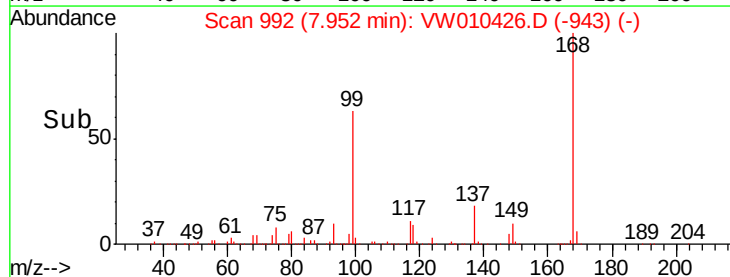
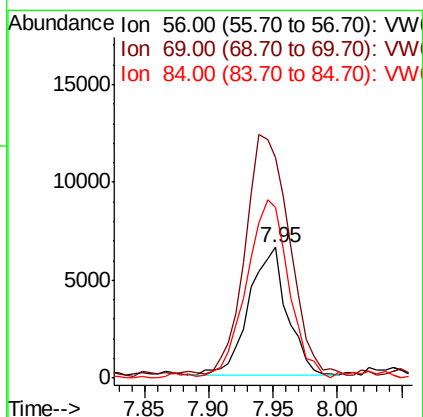
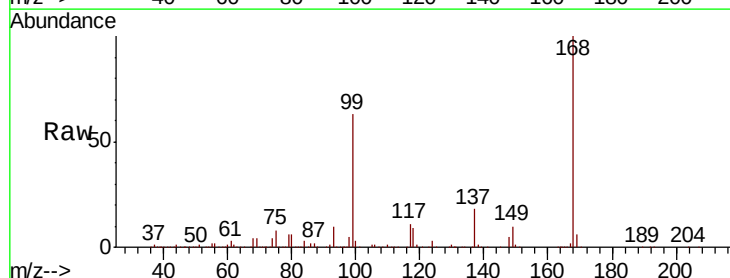
Instrument :
MSVOA_W
ClientSampleId :
VW0517SBL01

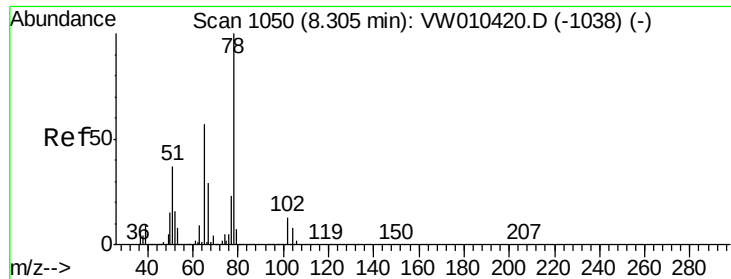
Tgt Ion: 84 Resp: 7221
Ion Ratio Lower Upper
84 100
49 108.9 90.6 135.8
51 57.9 26.6 40.0#
86 55.6 49.7 74.5



#31
Cyclohexane
Concen: Below Cal
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010426.D
Acq: 17 May 2019 23:13

Tgt Ion: 56 Resp: 13465
Ion Ratio Lower Upper
56 100
69 167.9 27.6 41.4#
84 130.5 72.9 109.3#

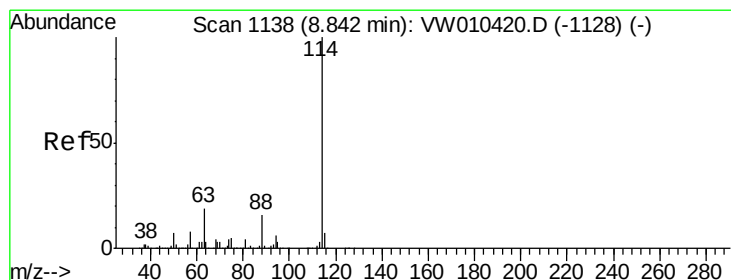
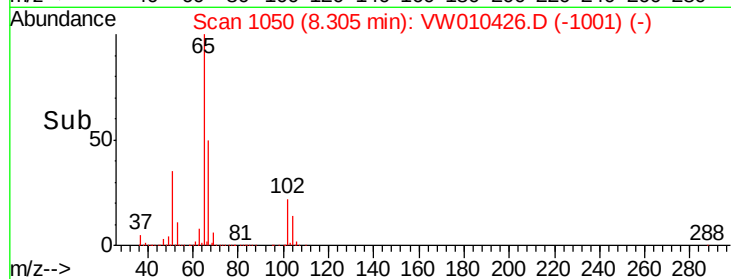
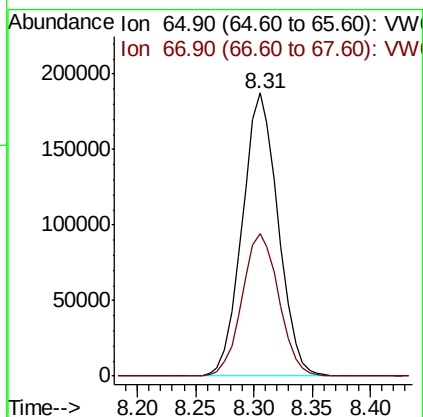
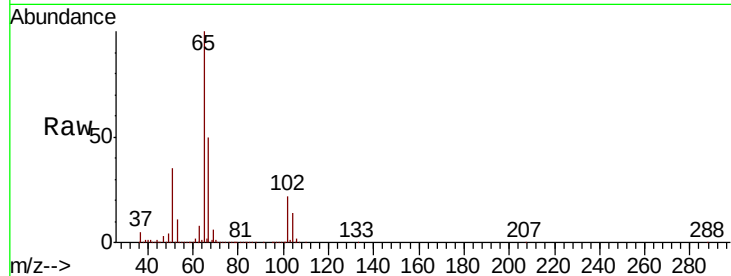




#33
 1,2-Dichloroethane-d4
 Concen: 54.188 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010426.D
 Acq: 17 May 2019 23:13

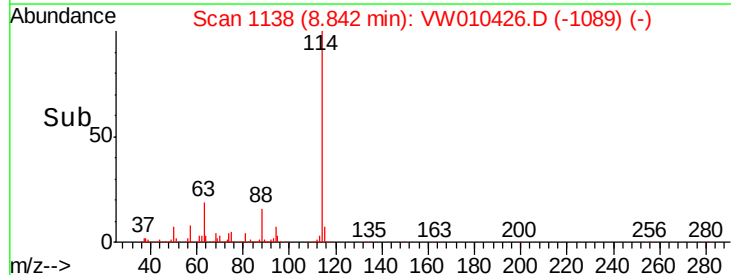
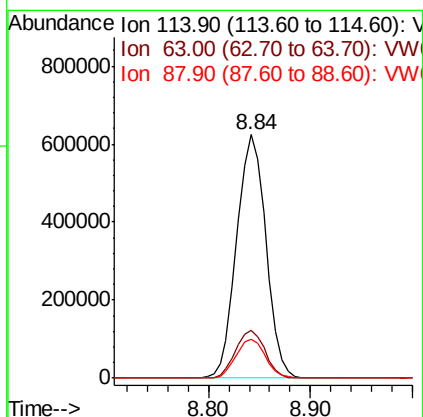
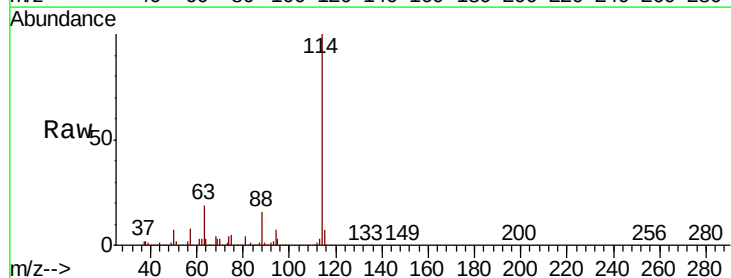
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBL01

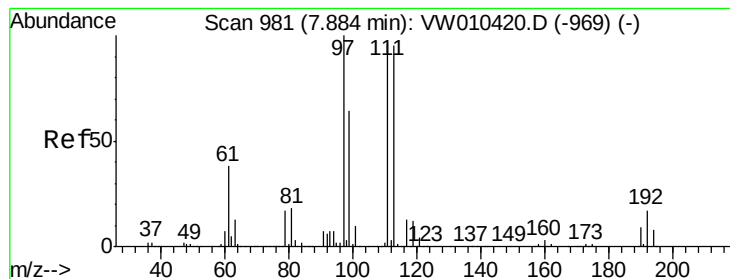
Tgt Ion: 65 Resp: 402350
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010426.D
 Acq: 17 May 2019 23:13

Tgt Ion: 114 Resp: 1241188
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.8
 88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.110 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010426.D

Acq: 17 May 2019 23:13

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBL01

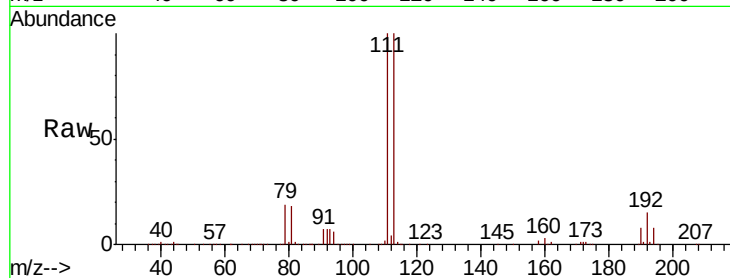
Tgt Ion:113 Resp: 399473

Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

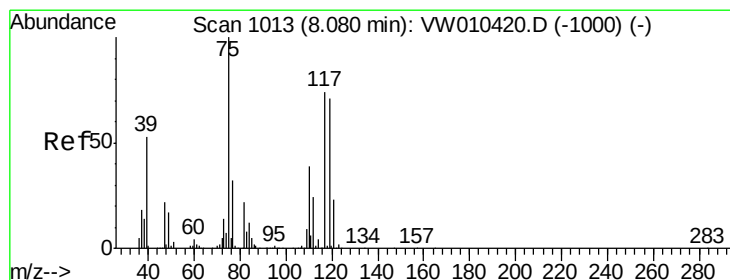
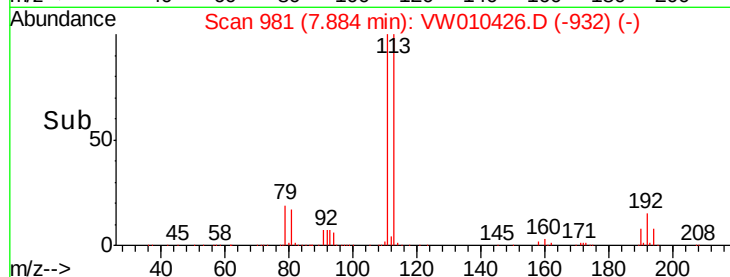
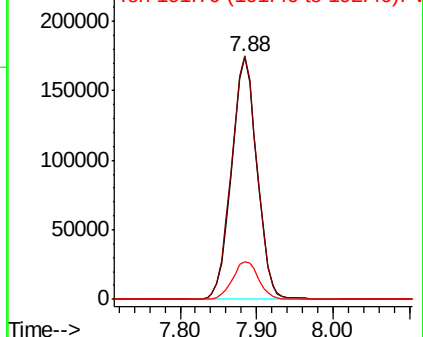
192 16.2 14.2 21.4



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: 5.248 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010426.D

Acq: 17 May 2019 23:13

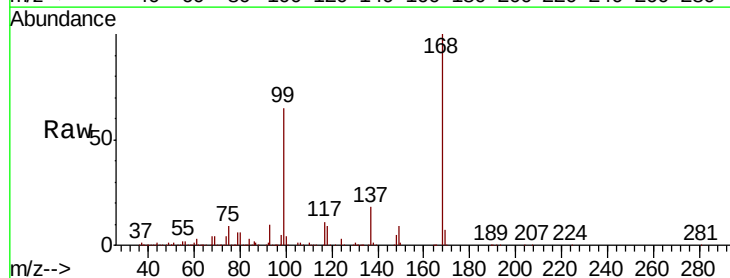
Tgt Ion: 75 Resp: 57667

Ion Ratio Lower Upper

75 100

110 8.2 19.4 58.1#

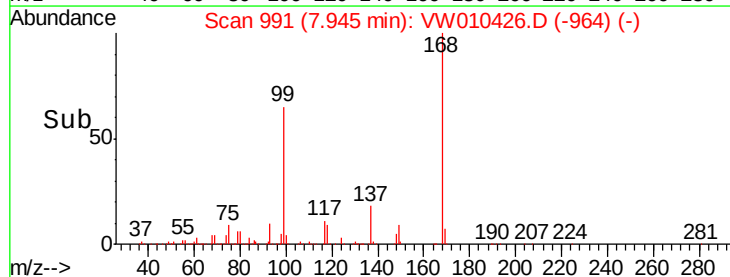
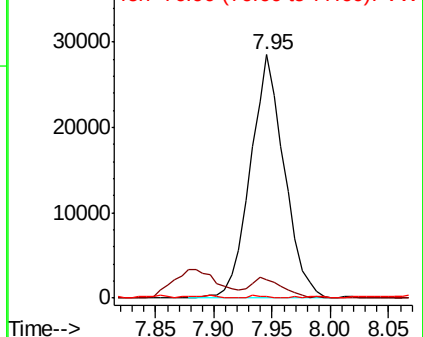
77 0.5 24.7 37.1#

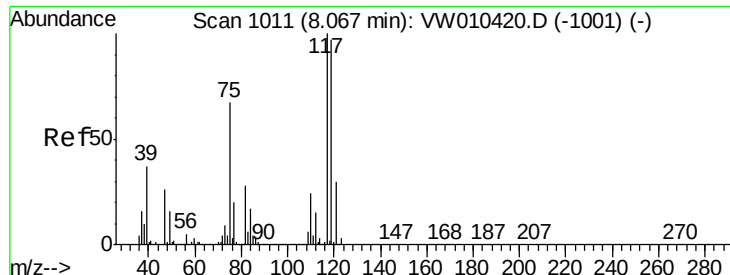


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.208 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010426.D

Acq: 17 May 2019 23:13

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VW0517SBL01

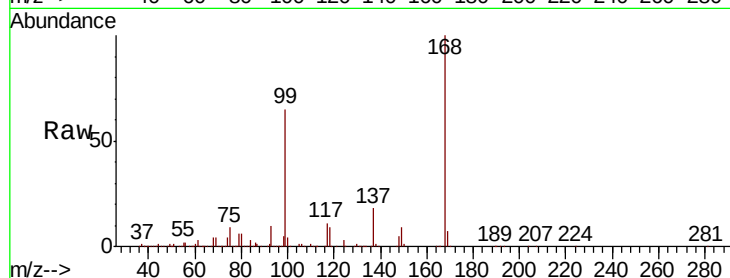
Tgt Ion:117 Resp: 73621

Ion Ratio Lower Upper

117 100

119 3.7 77.8 116.6#

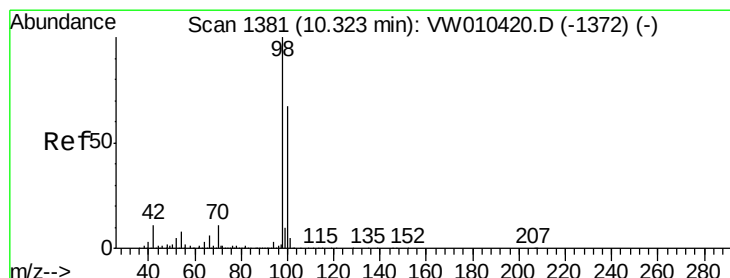
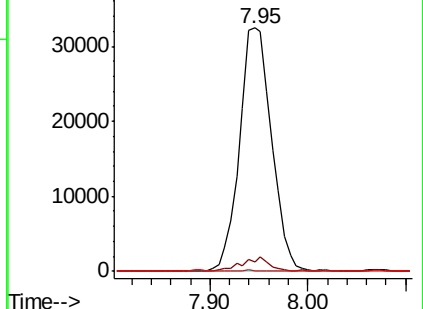
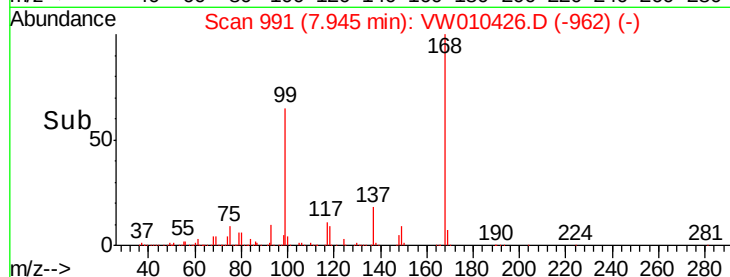
121 0.3 24.2 36.2#



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: 52.647 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010426.D

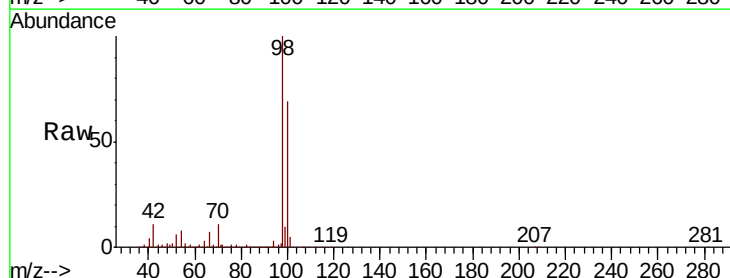
Acq: 17 May 2019 23:13

Tgt Ion: 98 Resp: 1505012

Ion Ratio Lower Upper

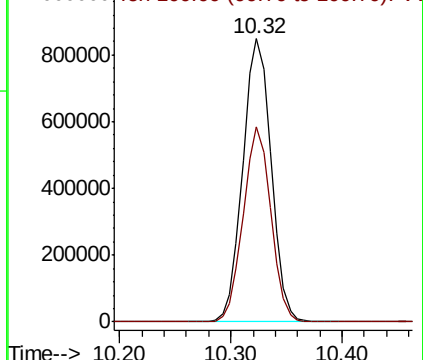
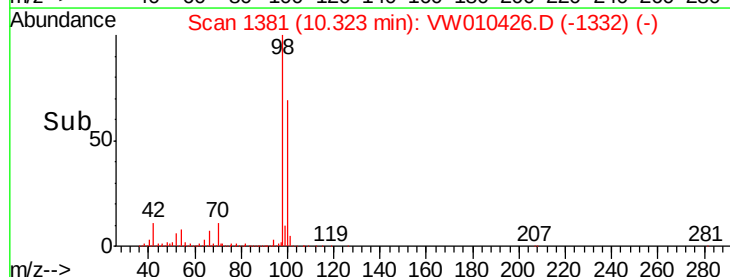
98 100

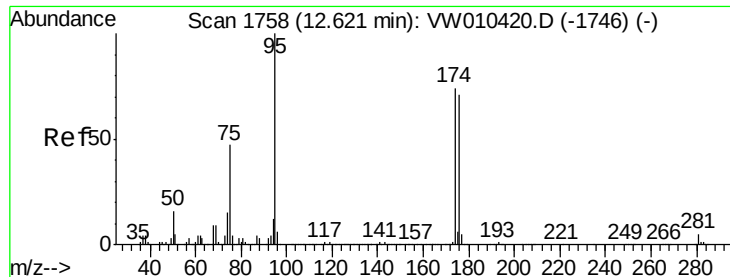
100 67.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

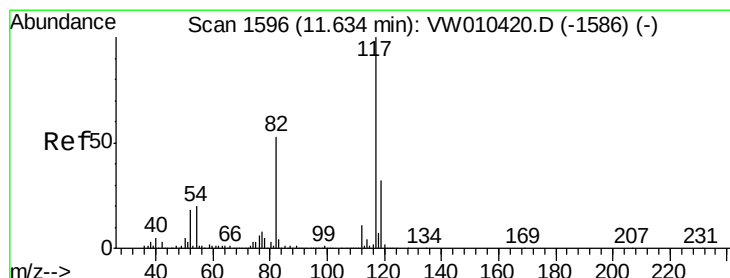
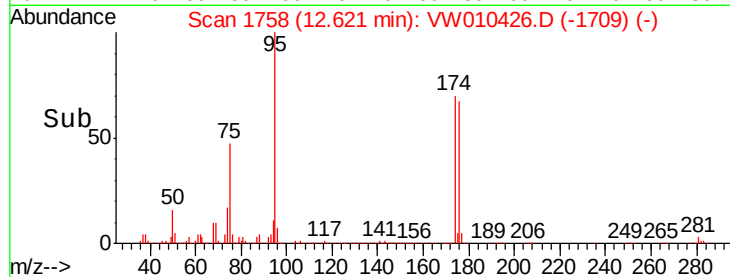
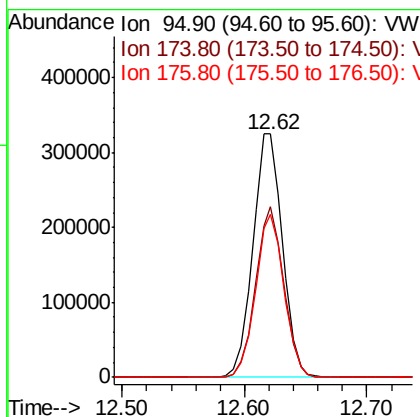
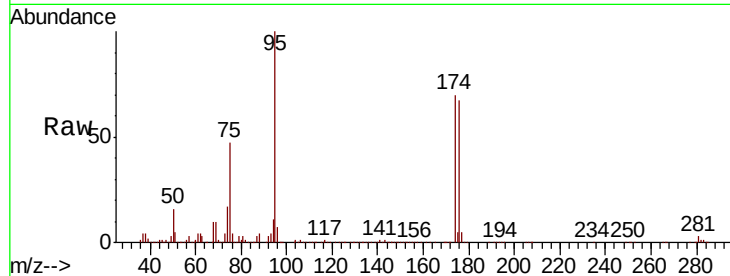




#62
 4-Bromofluorobenzene
 Concen: 48.589 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010426.D
 Acq: 17 May 2019 23:13

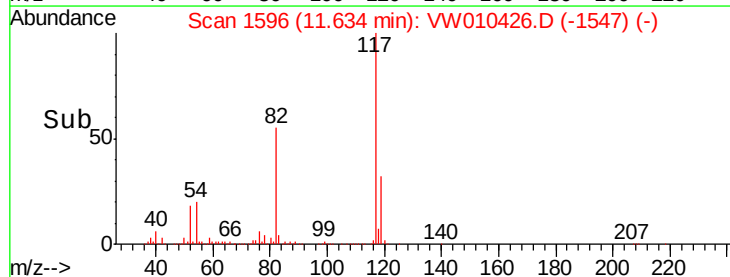
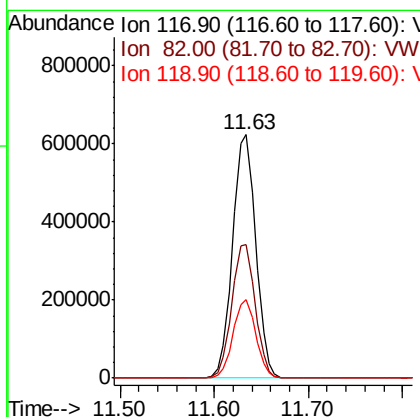
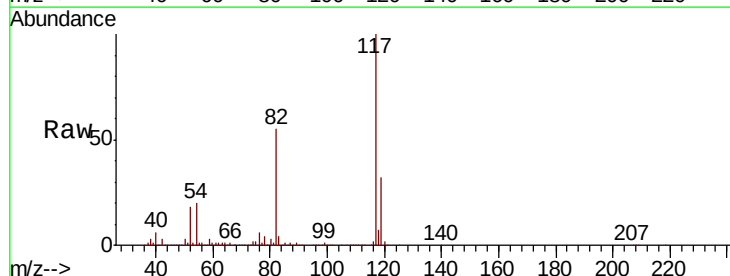
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBL01

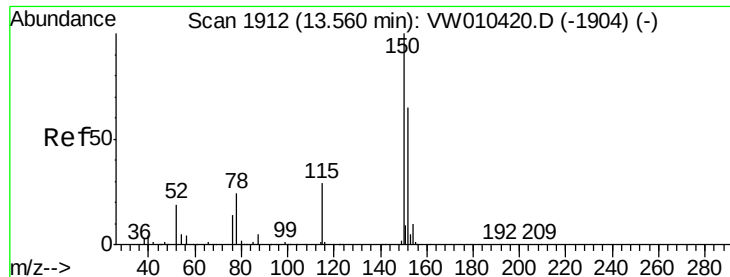
Tgt Ion: 95 Resp: 545339
 Ion Ratio Lower Upper
 95 100
 174 66.9 0.0 146.6
 176 64.6 0.0 141.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: VW010426.D
 Acq: 17 May 2019 23:13

Tgt Ion: 117 Resp: 1062796
 Ion Ratio Lower Upper
 117 100
 82 54.6 42.1 63.1
 119 32.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010426.D

Acq: 17 May 2019 23:13

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBL01

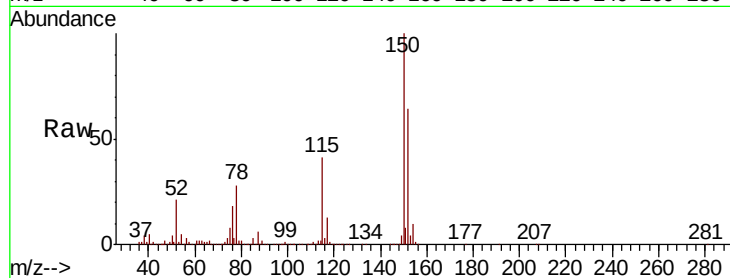
Tgt Ion:152 Resp: 435848

Ion Ratio Lower Upper

152 100

115 65.8 30.0 90.1

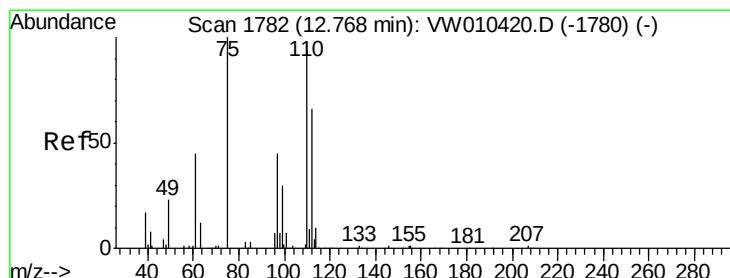
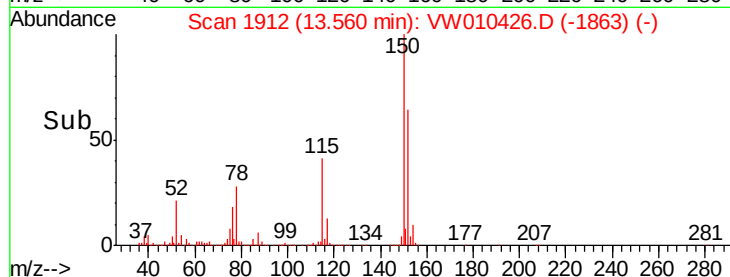
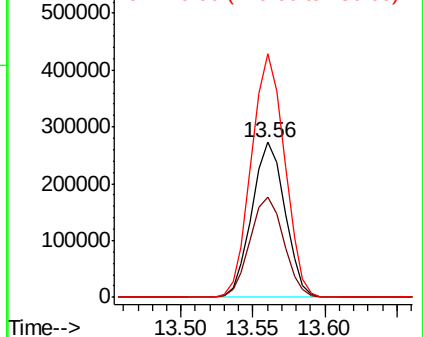
150 157.9 0.0 350.2



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: 55.960 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW010426.D

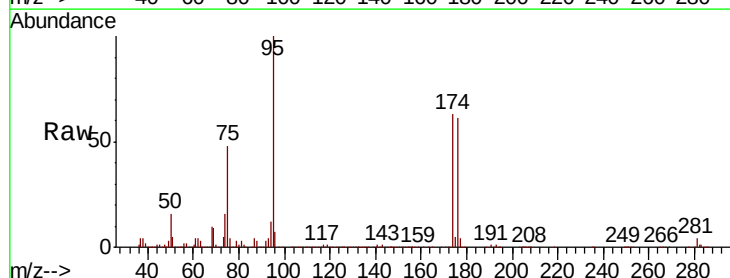
Acq: 17 May 2019 23:13

Tgt Ion: 75 Resp: 261176

Ion Ratio Lower Upper

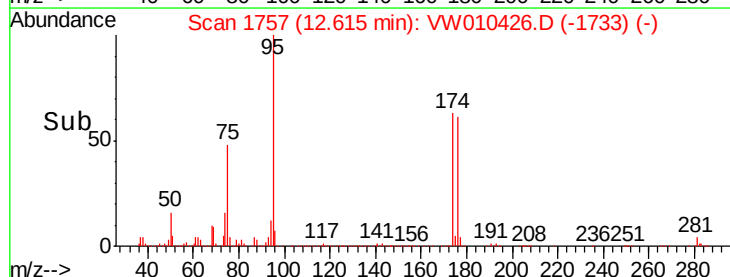
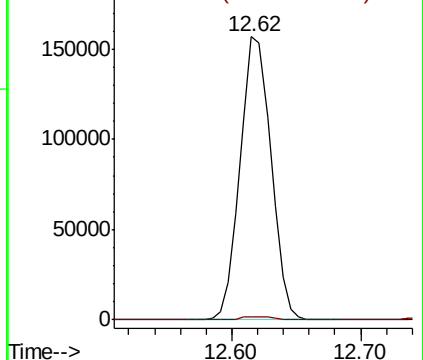
75 100

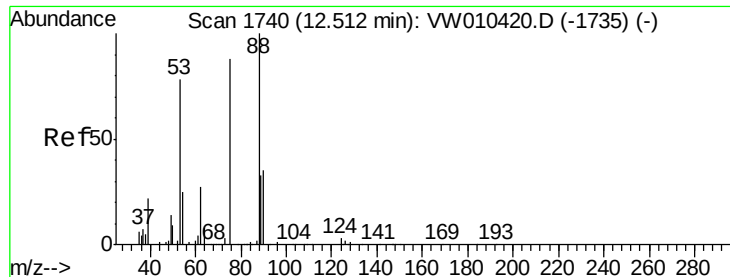
77 1.2 0.0 0.0#



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: 110.429 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW010426.D

Acq: 17 May 2019 23:13

Instrument :

MSVOA_W

ClientSampleId :

VW0517SBL01

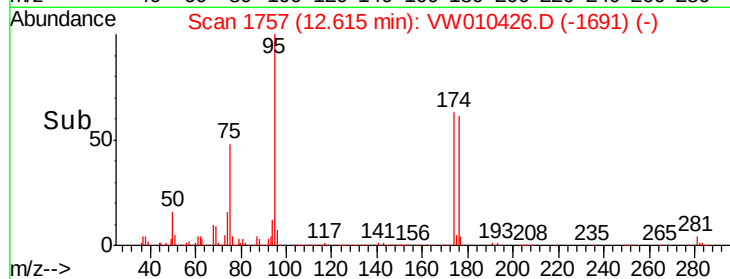
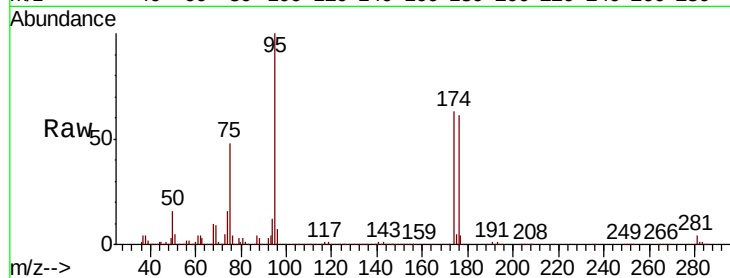
Tgt Ion: 75 Resp: 261176

Ion Ratio Lower Upper

75 100

53 0.1 70.7 106.1#

89 0.1 38.6 58.0#



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

