

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
 Data File : VW008481.D
 Acq On : 01 Feb 2019 15:05
 Operator : SY/VA
 Sample : K1297-01
 Misc : 2.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1

Quant Time: Feb 02 00:42:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	373010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	590565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	521330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	242938	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	201020	54.86	ug/l	0.00
Spiked Amount			Recovery	=	109.72%	
35) Dibromofluoromethane	7.88	113	187157	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	
50) Toluene-d8	10.32	98	691476	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	251289	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	

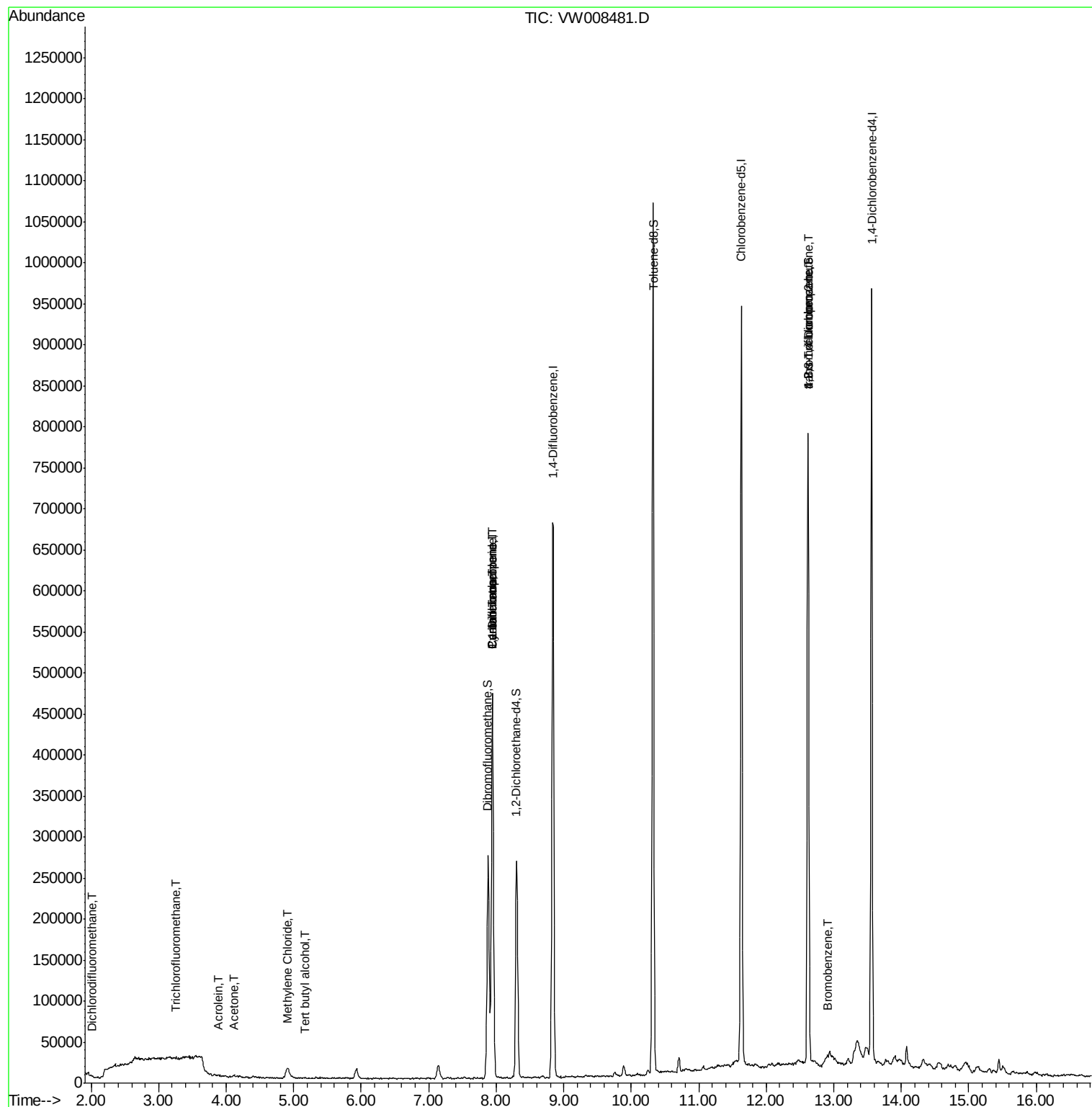
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	1235	3.788	ug/l	96
7) Trichlorofluoromethane	3.26	101	218	4.783	ug/l #	75
11) Tert butyl alcohol	5.18	59	595	2.017	ug/l #	85
13) Acrolein	3.88	56	428	5.802	ug/l #	14
16) Acetone	4.12	43	4029	4.896	ug/l	99
20) Methylene Chloride	4.91	84	11554	3.046	ug/l #	85
31) Cyclohexane	7.95	56	8114	1.128	ug/l #	8
36) 1,1-Dichloropropene	7.94	75	26754	4.796	ug/l #	52
38) Carbon Tetrachloride	7.95	117	35929	6.400	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	124467	58.928	ug/l #	1
77) Bromobenzene	12.90	156	7959	2.012	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	124467	116.388	ug/l #	12

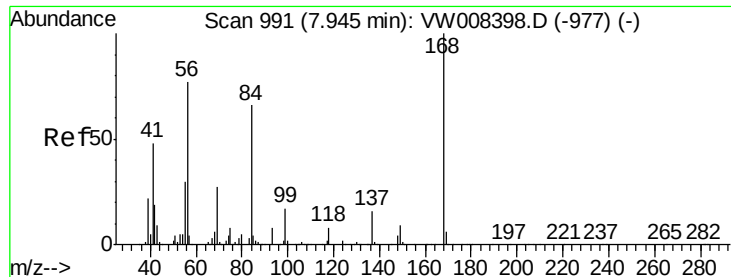
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008481.D

Acq: 01 Feb 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

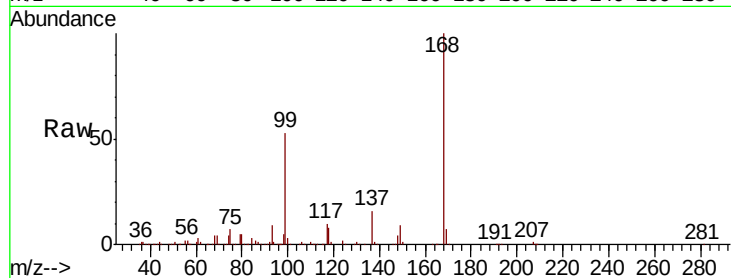
A0C17-SS1

Tgt Ion: 168 Resp: 373010

Ion Ratio Lower Upper

168 100

99 53.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

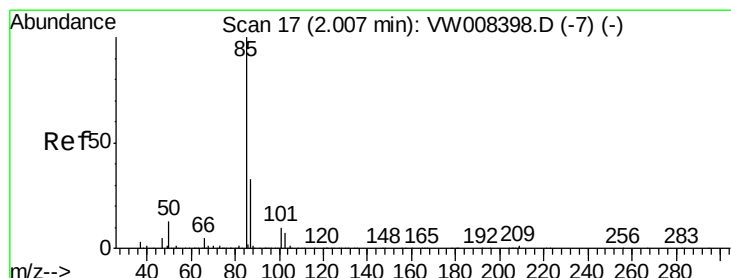
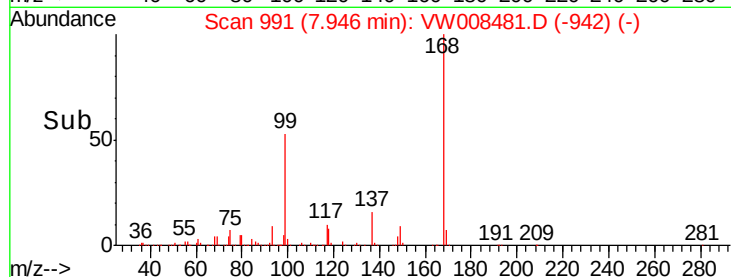
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 3.788 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008481.D

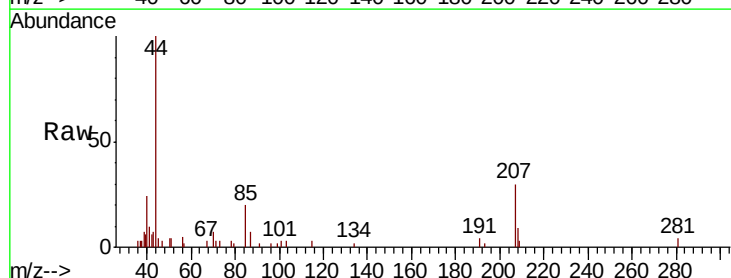
Acq: 01 Feb 2019 15:05

Tgt Ion: 85 Resp: 1235

Ion Ratio Lower Upper

85 100

87 35.8 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

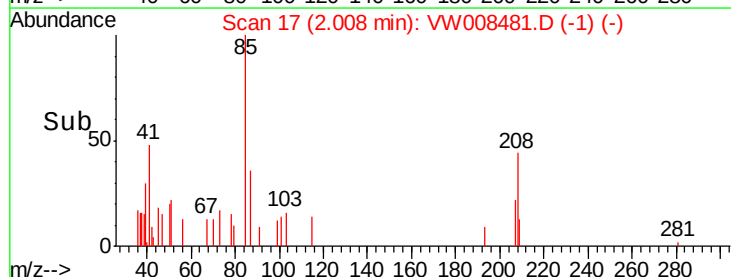
600

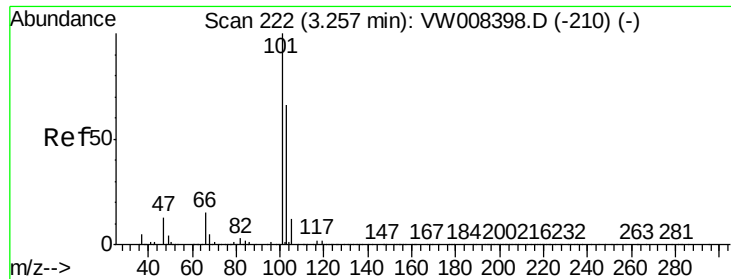
400

200

0

Time--> 1.95 2.00 2.05



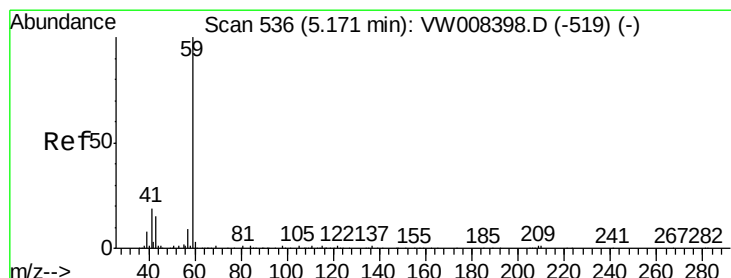
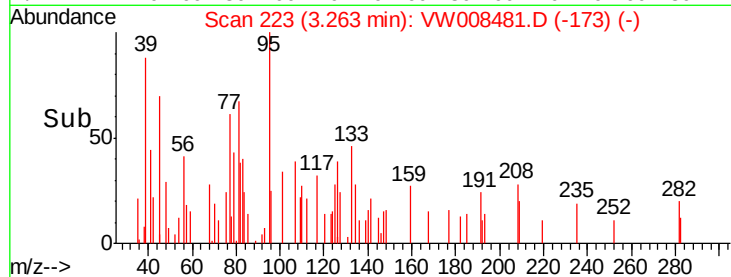
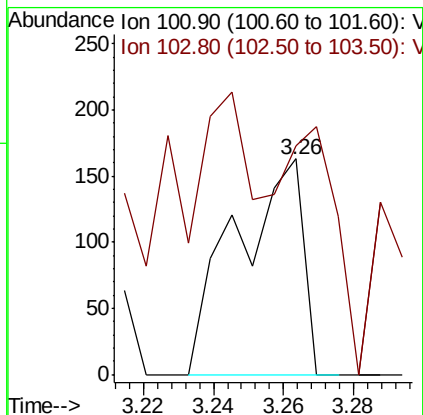
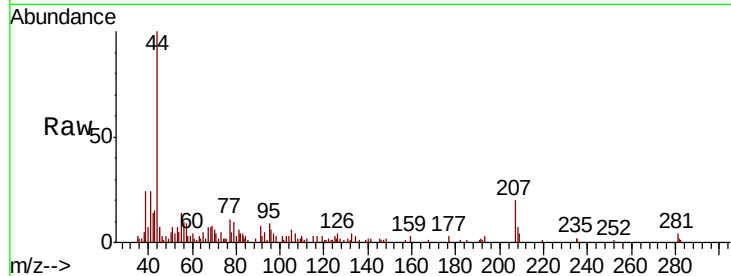


#7

Trichlorofluoromethane
 Concen: 4.783 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW008481.D
 Acq: 01 Feb 2019 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1

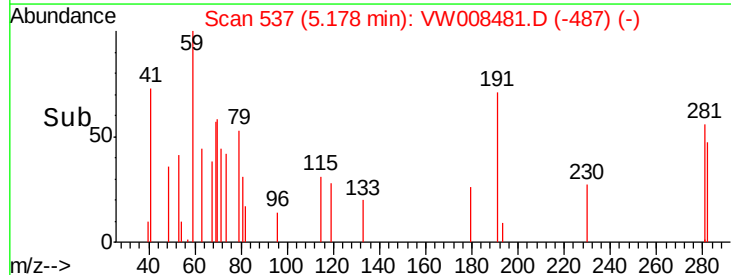
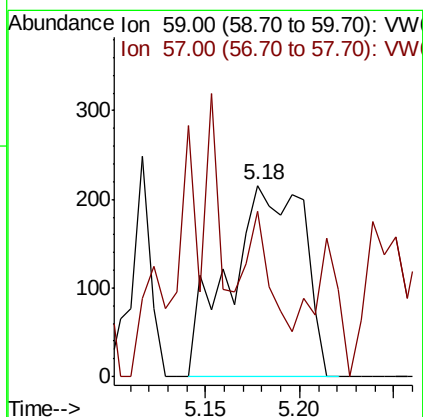
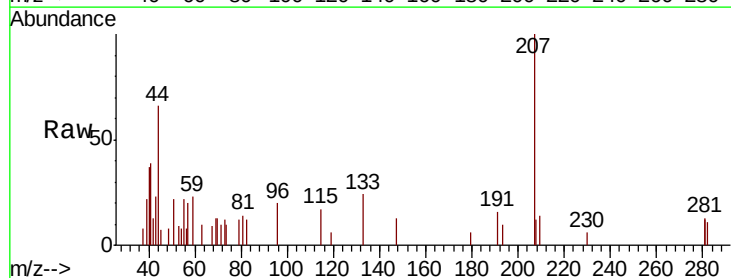
Tgt Ion: 101 Resp: 218
 Ion Ratio Lower Upper
 101 100
 103 45.4 52.5 78.7#

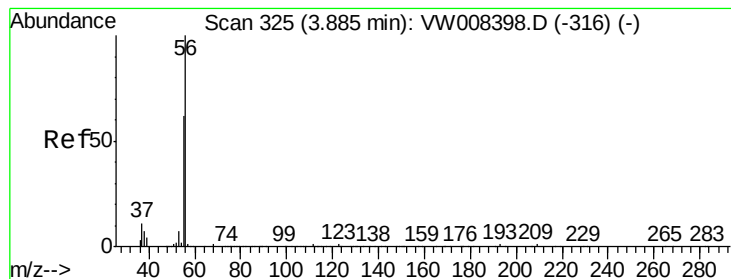


#11

Tert butyl alcohol
 Concen: 2.017 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW008481.D
 Acq: 01 Feb 2019 15:05

Tgt Ion: 59 Resp: 595
 Ion Ratio Lower Upper
 59 100
 57 17.5 9.3 13.9#





#13

Acrolein

Concen: 5.802 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW008481.D

Acq: 01 Feb 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

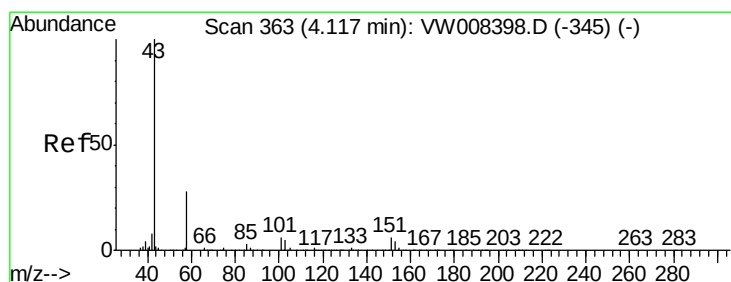
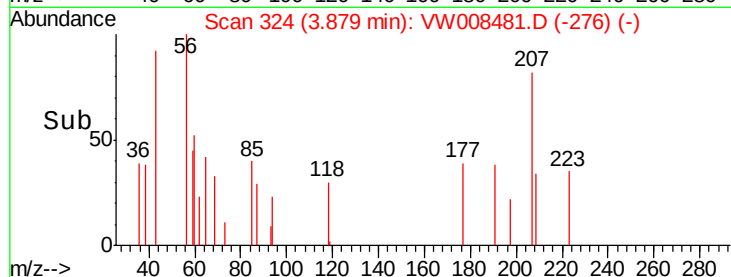
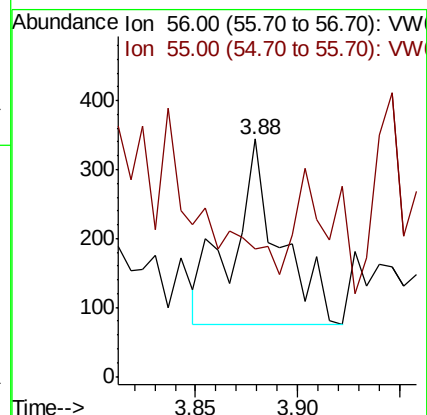
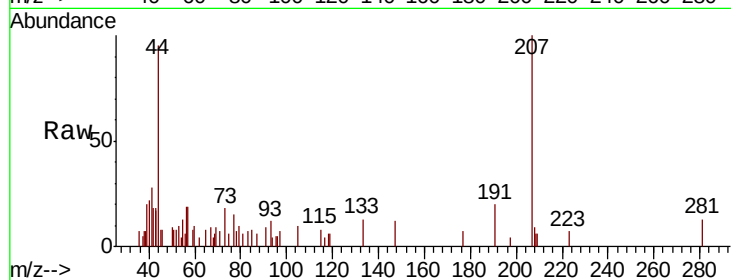
A0C17-SS1

Tgt Ion: 56 Resp: 428

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



#16

Acetone

Concen: 4.896 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008481.D

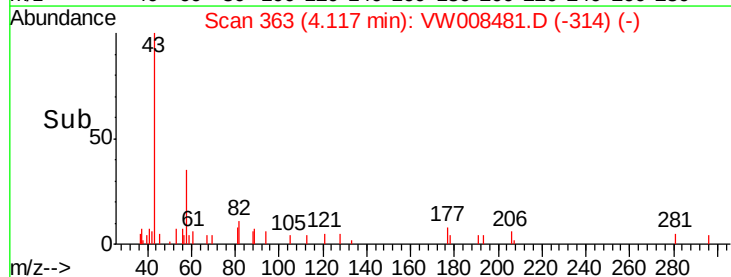
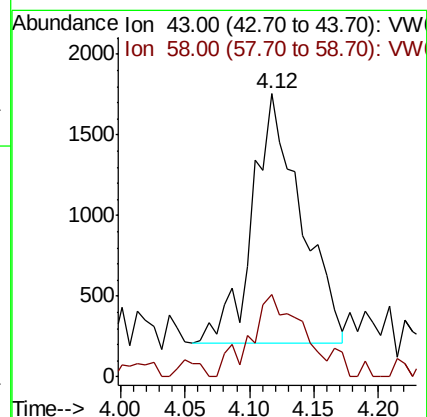
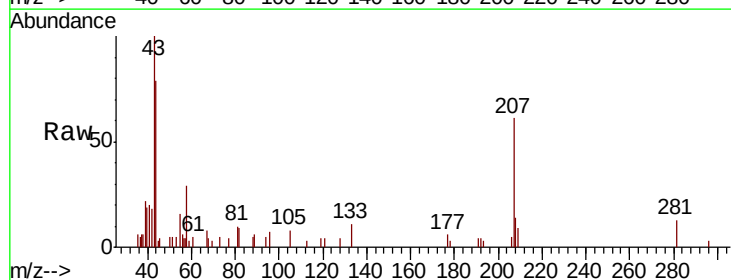
Acq: 01 Feb 2019 15:05

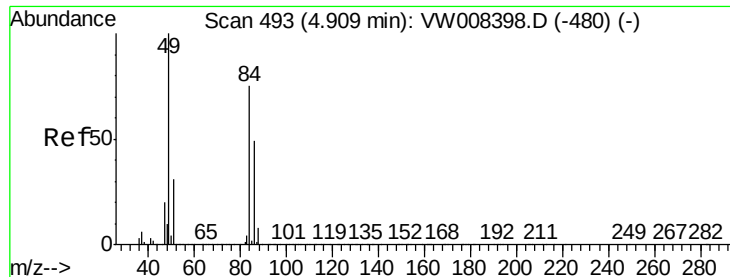
Tgt Ion: 43 Resp: 4029

Ion Ratio Lower Upper

43 100

58 27.9 22.6 34.0

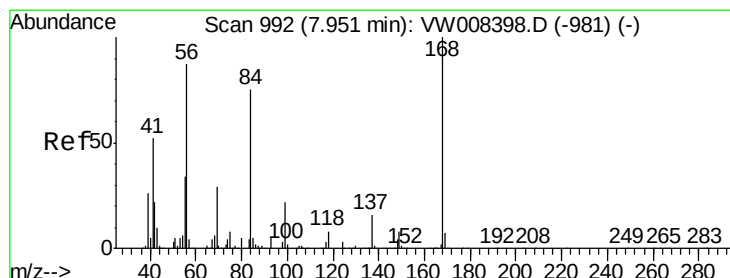
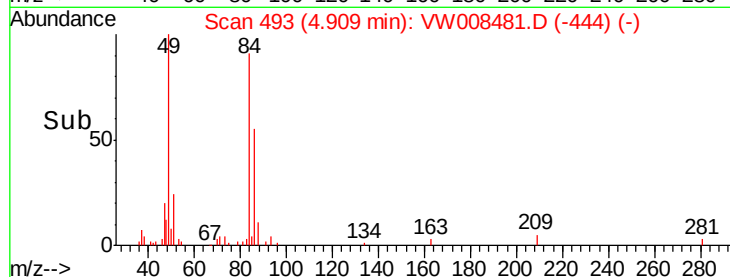
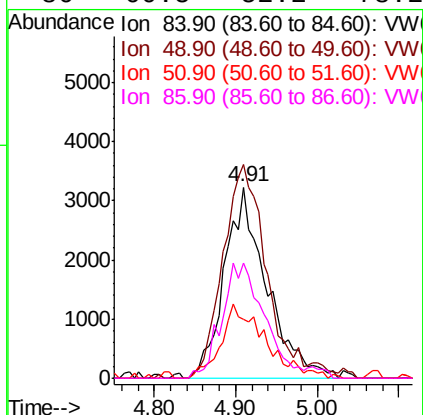
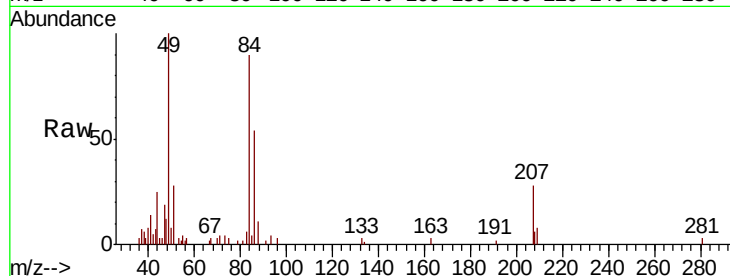




#20
Methylene Chloride
Concen: 3.046 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008481.D
Acq: 01 Feb 2019 15:05

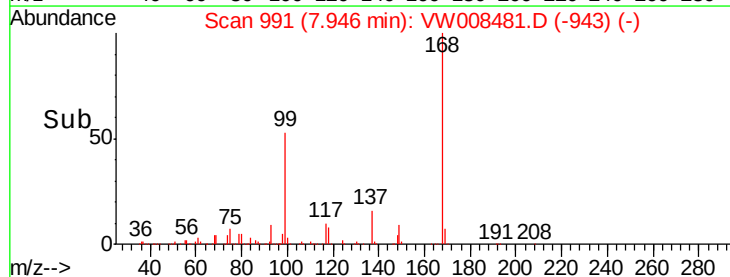
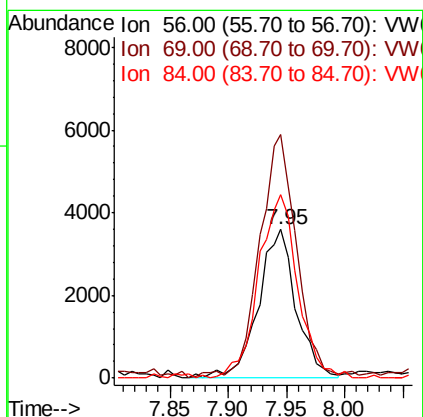
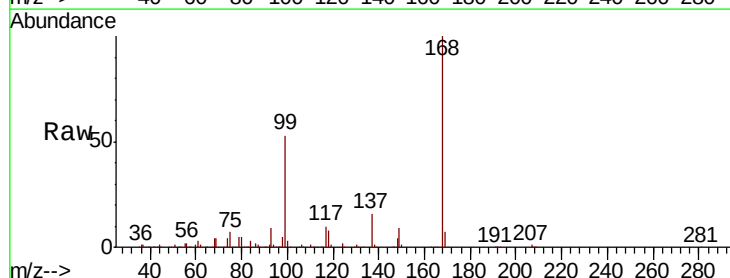
Instrument :
MSVOA_W
ClientSampled :
A0C17-SS1

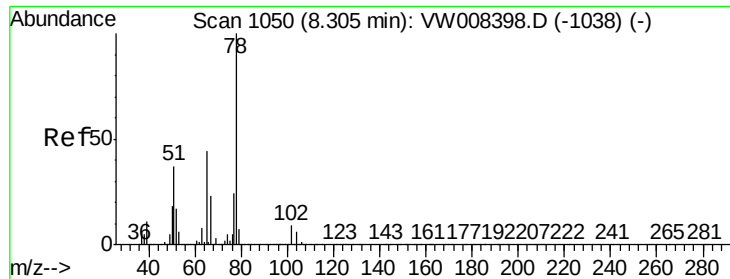
Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.7	106.8	160.2
51	31.1	32.9	49.3#
86	60.5	52.2	78.2



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008481.D
Acq: 01 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
56	100		
69	163.9	26.4	39.6#
84	121.8	69.1	103.7#

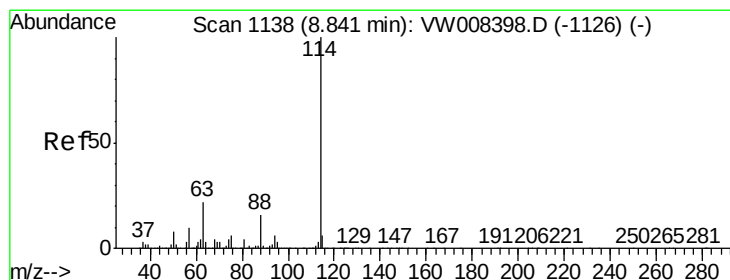
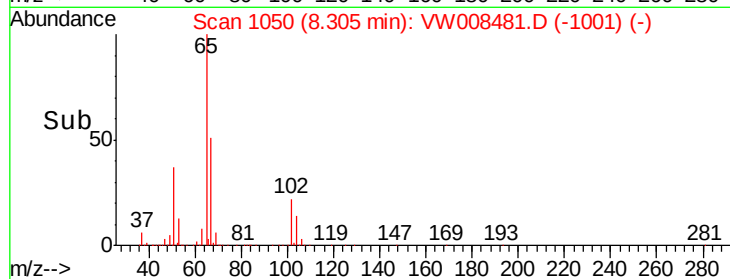
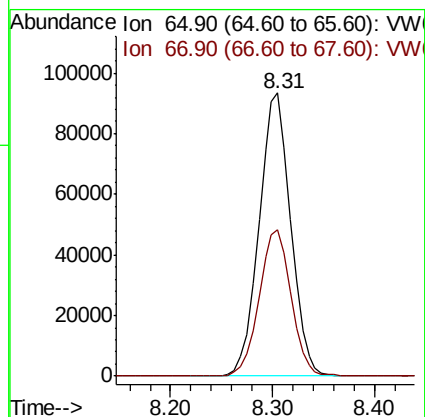
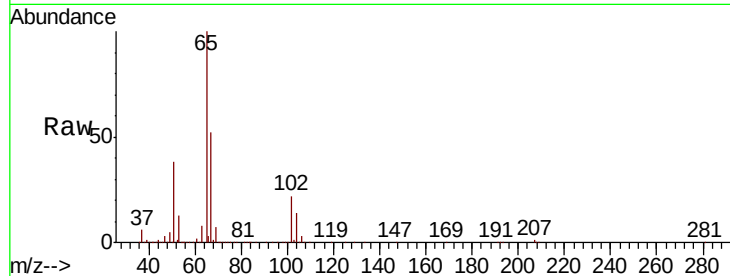




#33
 1,2-Dichloroethane-d4
 Concen: 54.856 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008481.D
 Acq: 01 Feb 2019 15:05

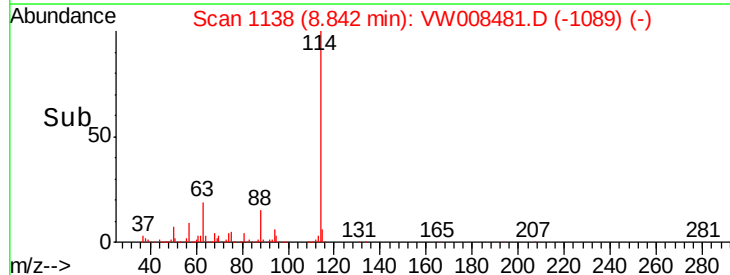
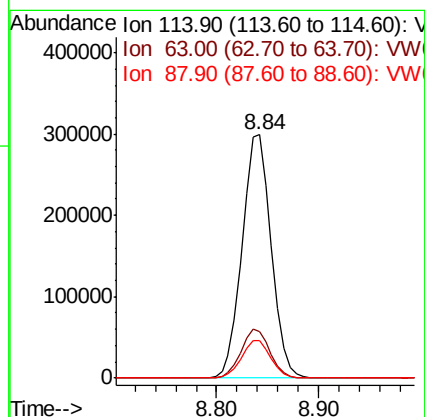
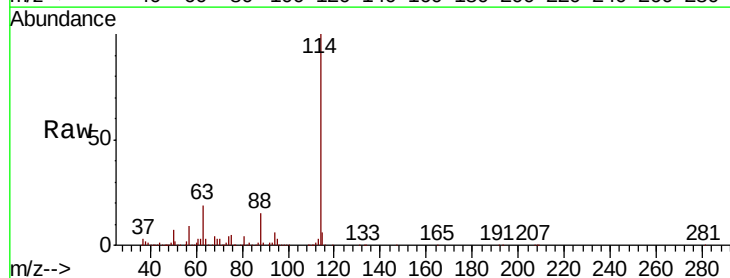
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1

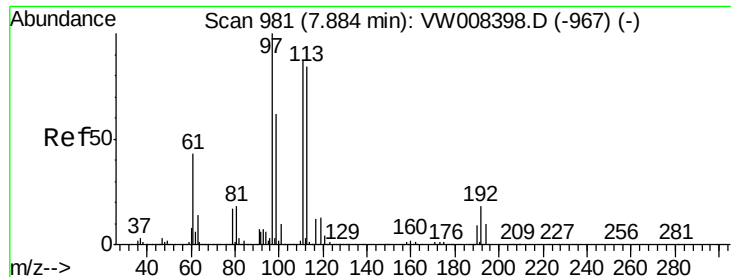
Tgt Ion: 65 Resp: 201020
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008481.D
 Acq: 01 Feb 2019 15:05

Tgt Ion: 114 Resp: 590565
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 43.6
 88 15.3 0.0 31.8

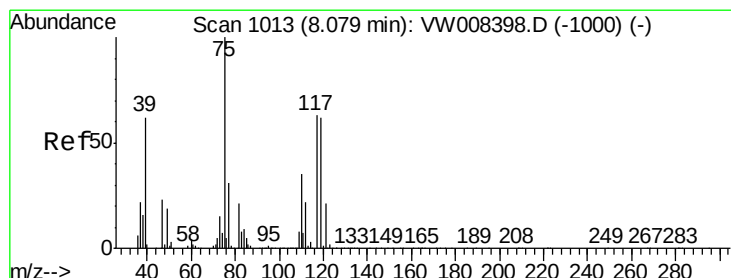
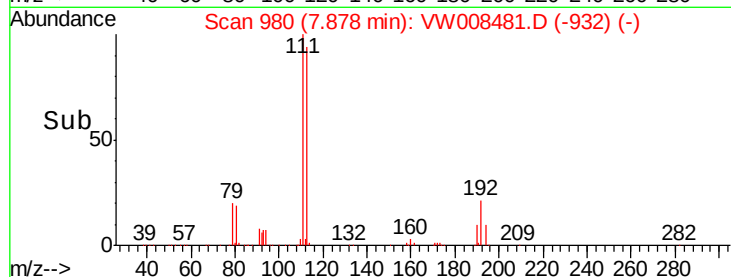
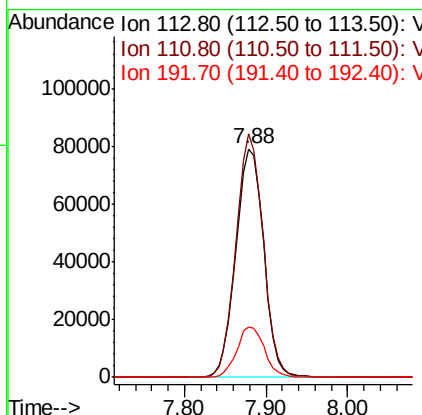
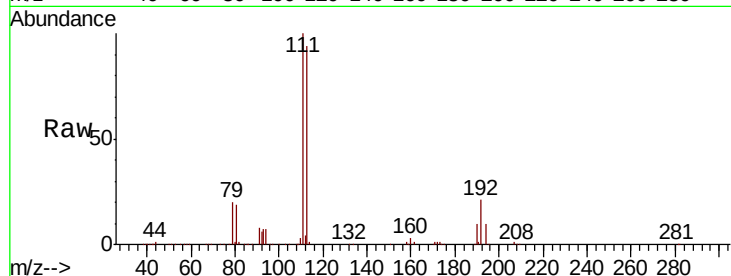




#35
 Dibromofluoromethane
 Concen: 54.198 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008481.D
 Acq: 01 Feb 2019 15:05

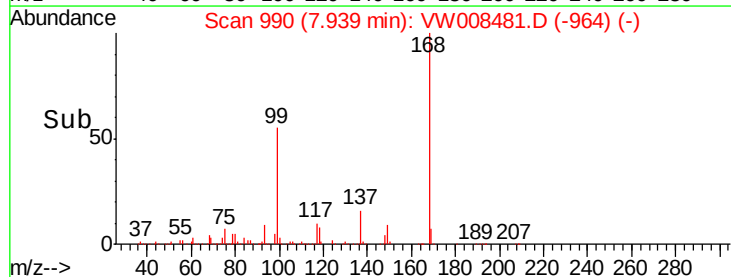
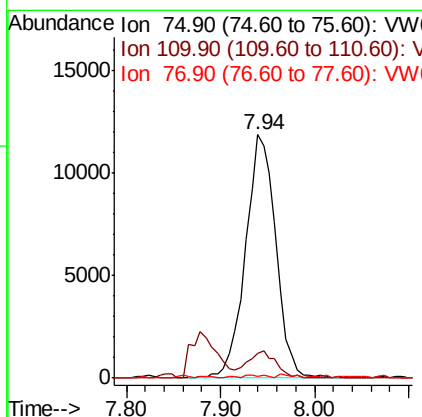
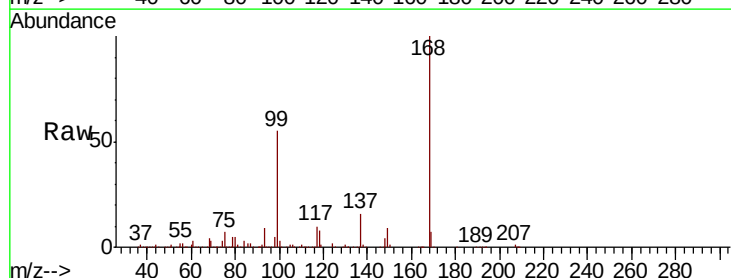
Instrument :
 MSVOA_W
 ClientSampled :
 A0C17-SS1

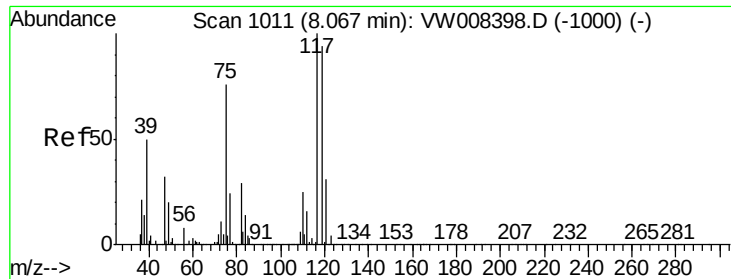
Tgt Ion: 113 Resp: 187157
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.0 121.4
 192 22.0 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.796 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008481.D
 Acq: 01 Feb 2019 15:05

Tgt Ion: 75 Resp: 26754
 Ion Ratio Lower Upper
 75 100
 110 10.6 17.3 52.0#
 77 1.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.400 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008481.D

Acq: 01 Feb 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1

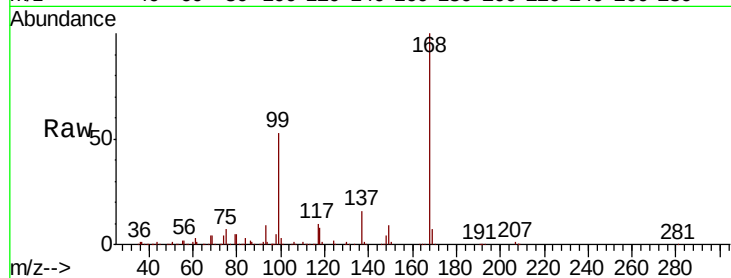
Tgt Ion:117 Resp: 35929

Ion Ratio Lower Upper

117 100

119 5.4 75.0 112.4#

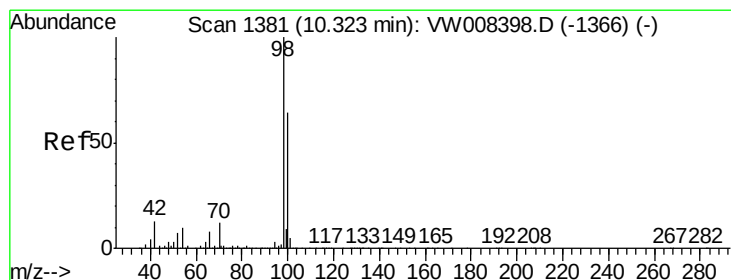
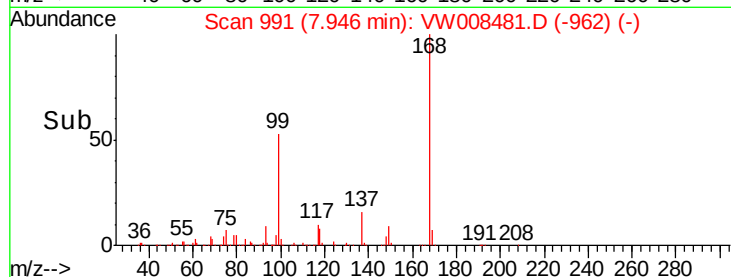
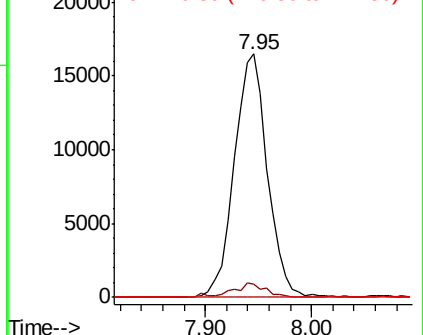
121 0.0 24.9 37.3#



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: 49.935 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008481.D

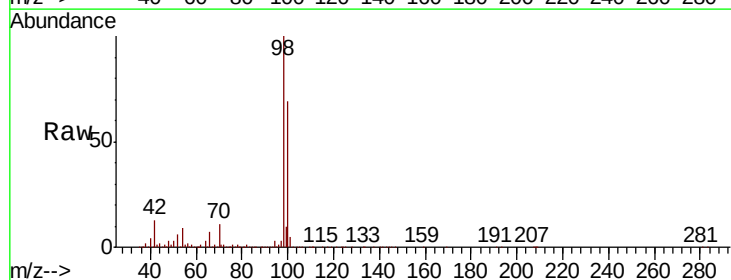
Acq: 01 Feb 2019 15:05

Tgt Ion: 98 Resp: 691476

Ion Ratio Lower Upper

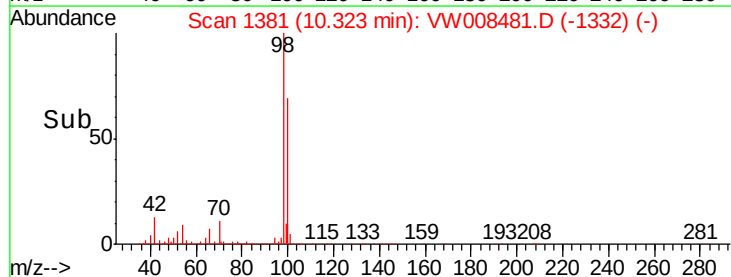
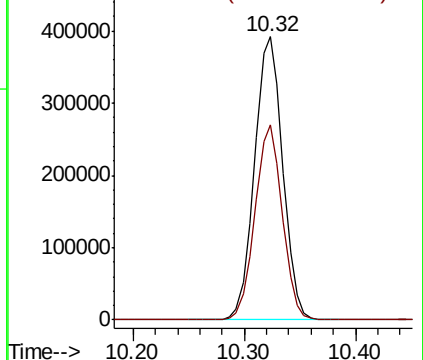
98 100

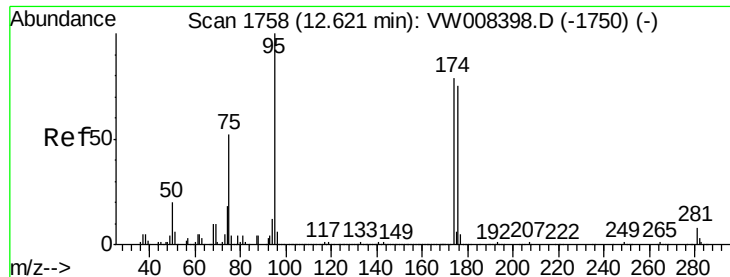
100 66.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

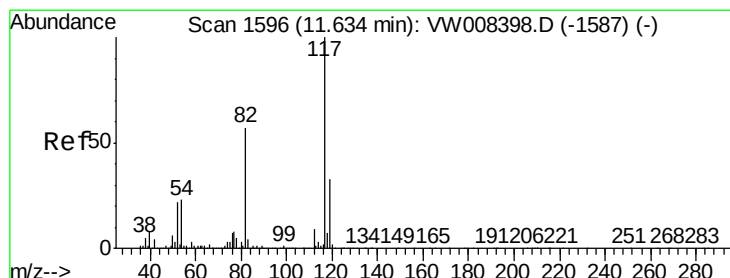
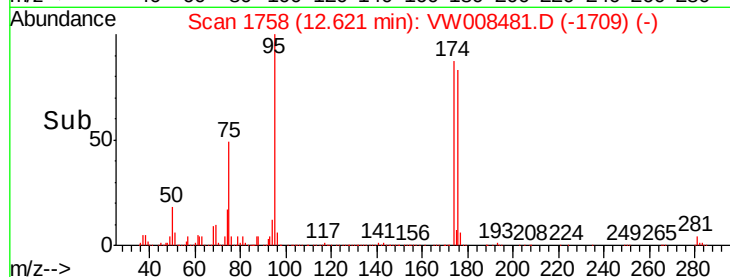
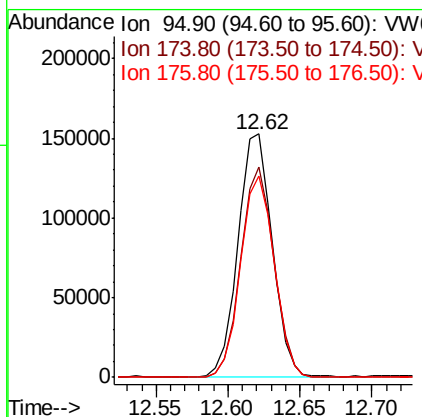
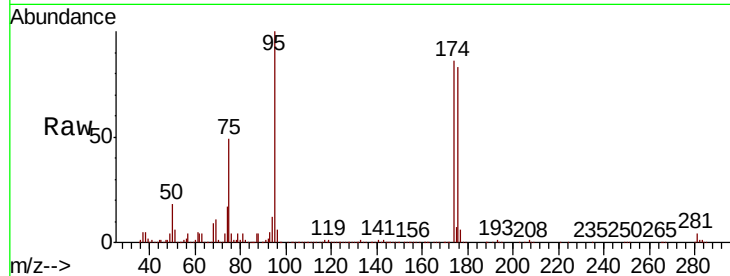




#62
4-Bromofluorobenzene
Concen: 47.210 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008481.D
Acq: 01 Feb 2019 15:05

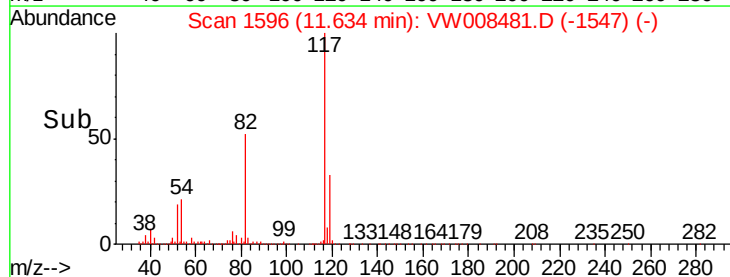
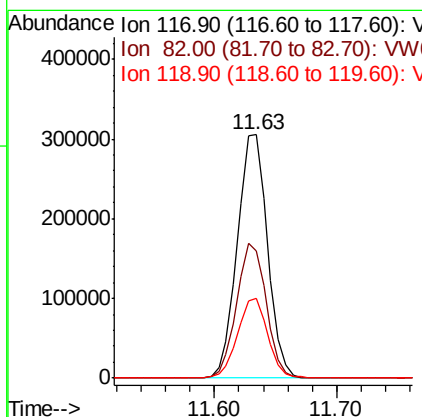
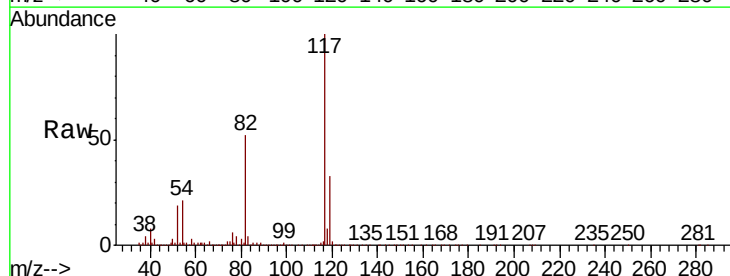
Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1

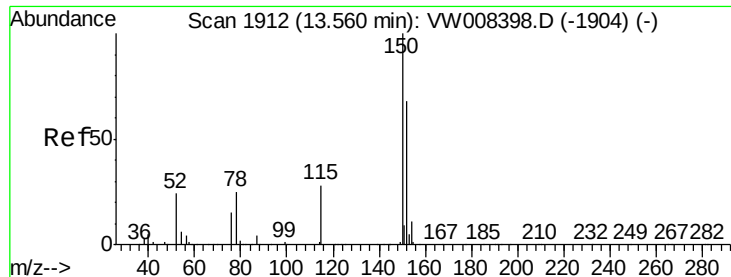
Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	157.6
176	81.4	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008481.D
Acq: 01 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	45.4	68.0
119	32.6	26.2	39.4



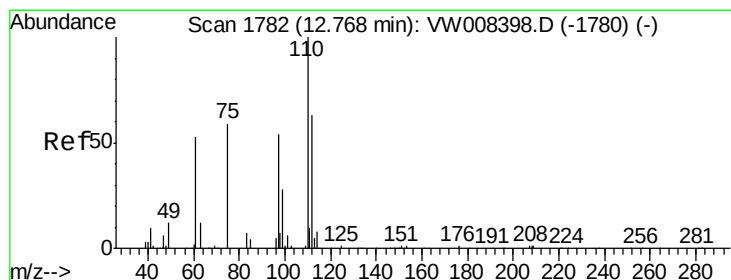
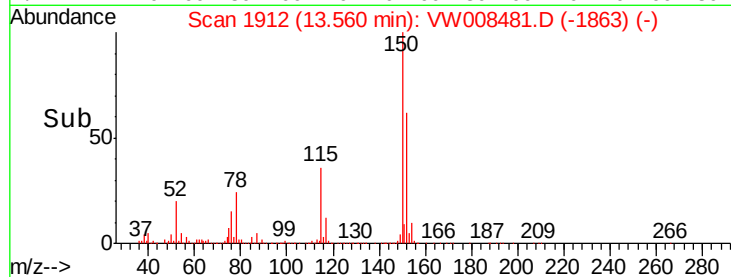
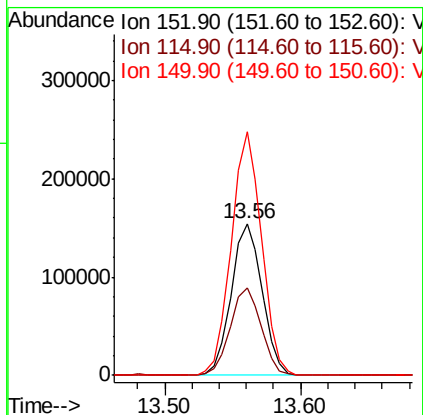
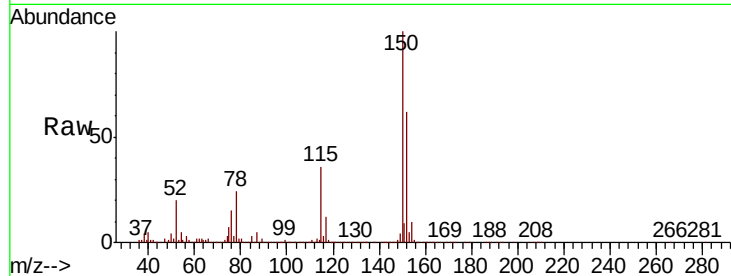


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008481.D
Acq: 01 Feb 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
A0C17-SS1

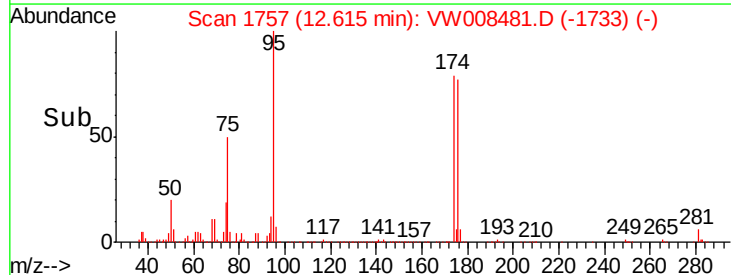
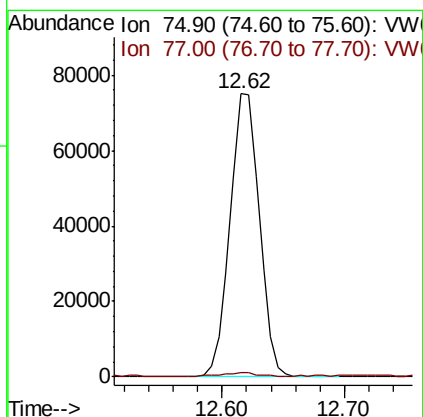
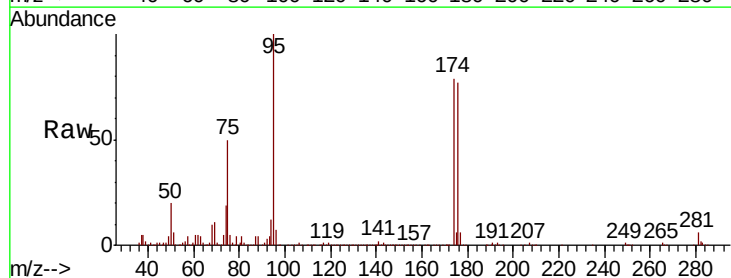
Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.9	89.7
150	157.6	0.0	351.4

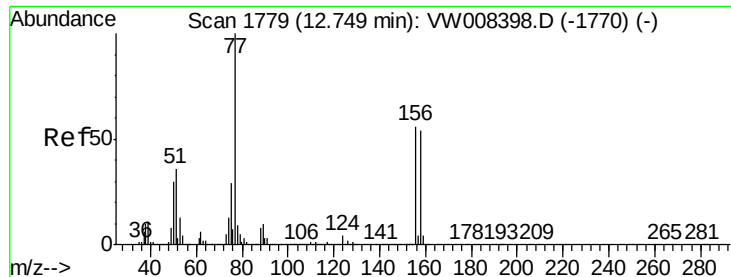


#76

1,2,3-Trichloropropane
Concen: 58.928 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW008481.D
Acq: 01 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.7	180.7	542.1#





#77

Bromobenzene

Concen: 2.012 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.15 min

Lab File: VW008481.D

Acq: 01 Feb 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

A0C17-SS1

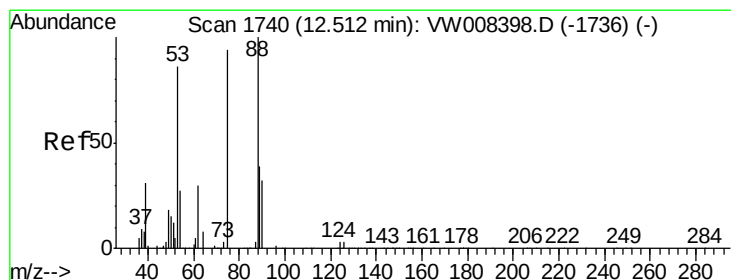
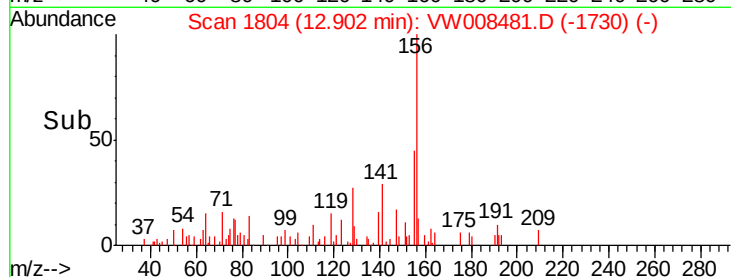
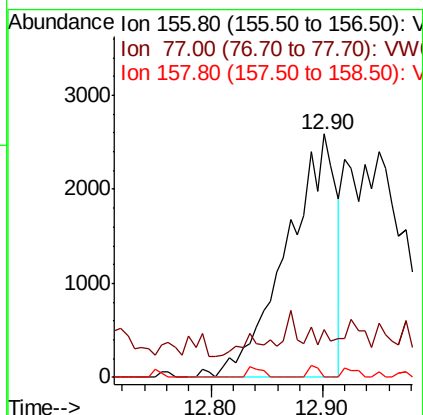
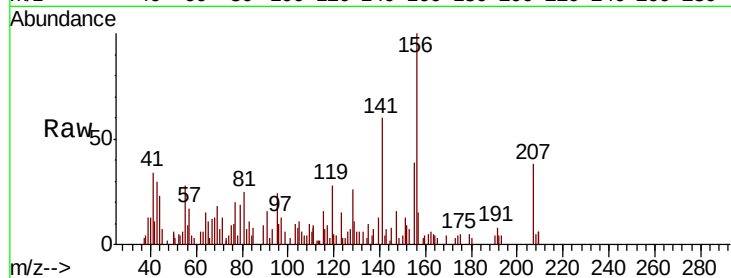
Tgt Ion:156 Resp: 7959

Ion Ratio Lower Upper

156 100

77 1.3 96.9 290.7#

158 1.0 48.8 146.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 116.388 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008481.D

Acq: 01 Feb 2019 15:05

Tgt Ion: 75 Resp: 124467

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.0 35.4 53.0#

