

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012919\
 Data File : VW008443.D
 Acq On : 29 Jan 2019 11:01
 Operator : SY/VA
 Sample : VW0129SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBL01

Quant Time: Jan 30 01:12:05 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	421641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	665598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	589044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	289036	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	205853	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
35) Dibromofluoromethane	7.88	113	203841	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
50) Toluene-d8	10.32	98	780543	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.62	95	287925	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	

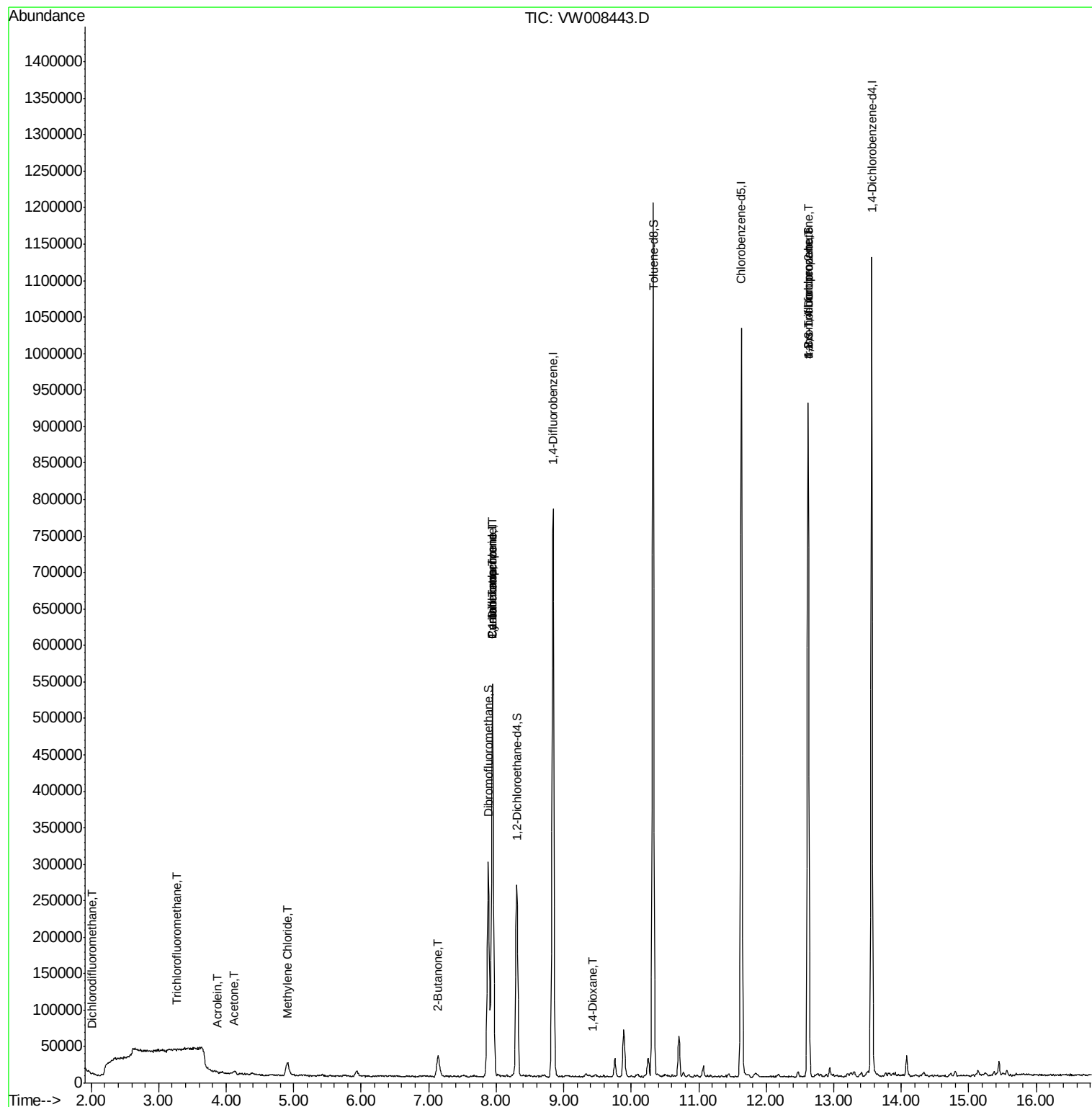
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	1282	3.744	ug/l	83
7) Trichlorofluoromethane	3.27	101	389	4.817	ug/l #	60
13) Acrolein	3.87	56	176	4.773	ug/l #	1
16) Acetone	4.12	43	7386	7.940	ug/l	99
20) Methylene Chloride	4.91	84	14415	3.362	ug/l	97
25) 2-Butanone	7.13	43	1353	1.047	ug/l #	50
31) Cyclohexane	7.95	56	9197	1.131	ug/l #	13
36) 1,1-Dichloropropene	7.94	75	30382	4.832	ug/l #	50
38) Carbon Tetrachloride	7.95	117	40667	6.428	ug/l #	16
49) 1,4-Dioxane	9.44	88	113	2.988	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	143821	57.232	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	143821	113.037	ug/l #	12

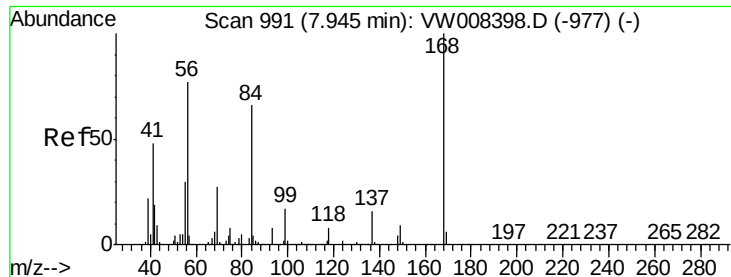
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW012919\
Data File : VW008443.D
Acq On : 29 Jan 2019 11:01
Operator : SY/VA
Sample : VW0129SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBL01

Quant Time: Jan 30 01:12:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 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: VW008443.D

Acq: 29 Jan 2019 11:01

Instrument :

MSVOA_W

ClientSampleId :

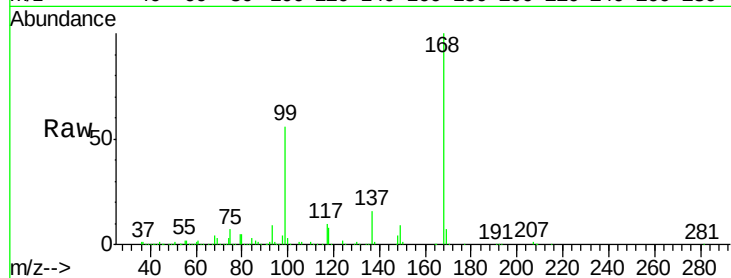
VW0129SBL01

Tgt Ion:168 Resp: 421641

Ion Ratio Lower Upper

168 100

99 55.7 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

200000

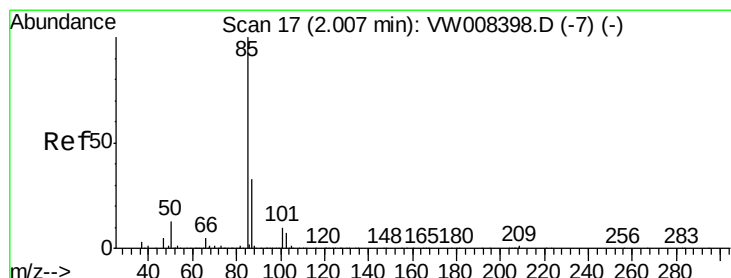
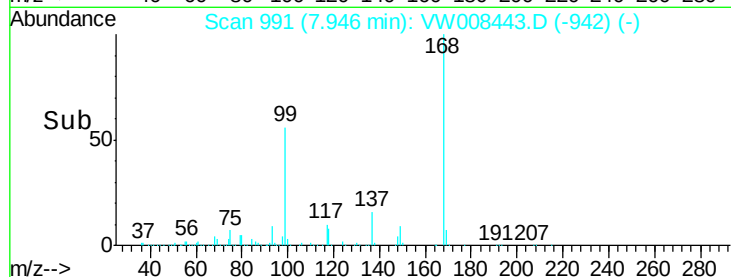
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 3.744 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008443.D

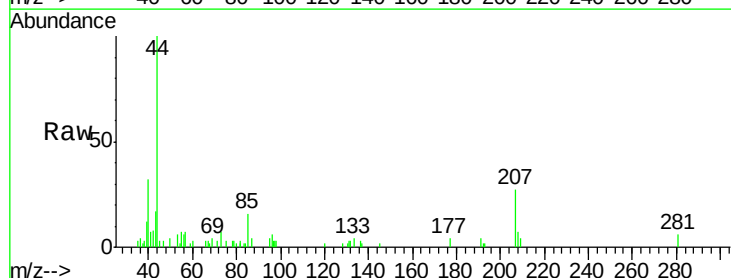
Acq: 29 Jan 2019 11:01

Tgt Ion: 85 Resp: 1282

Ion Ratio Lower Upper

85 100

87 23.9 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

500

400

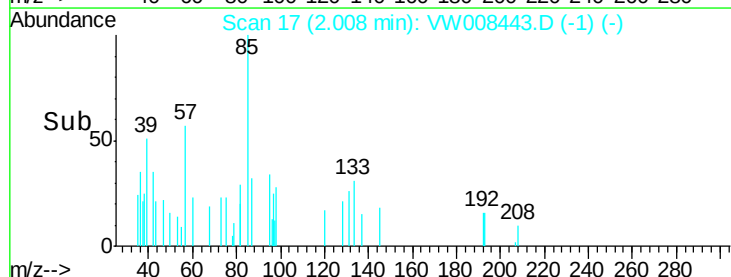
300

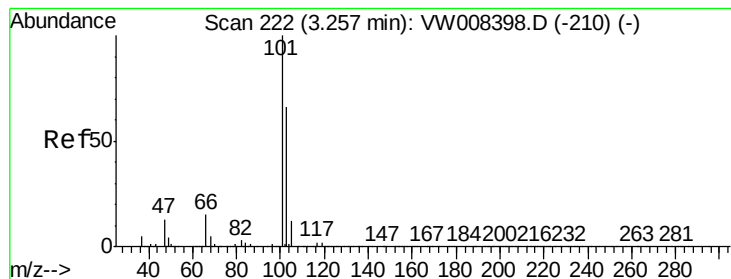
200

100

0

Time--> 1.95 2.00 2.05



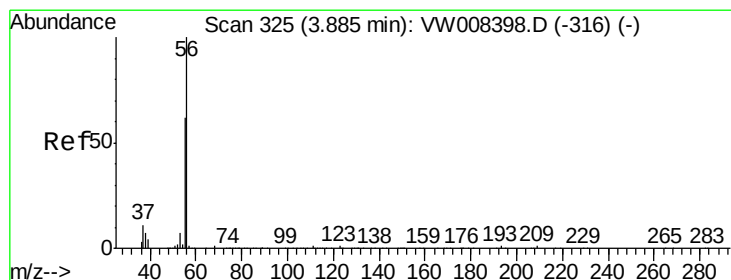
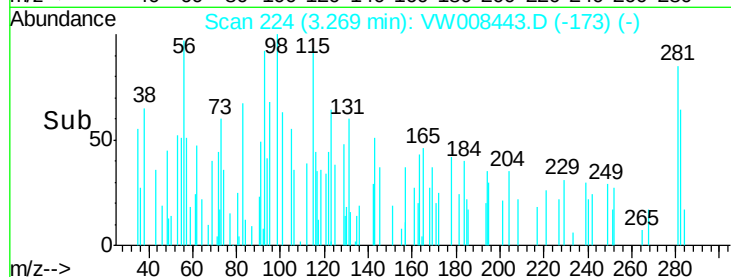
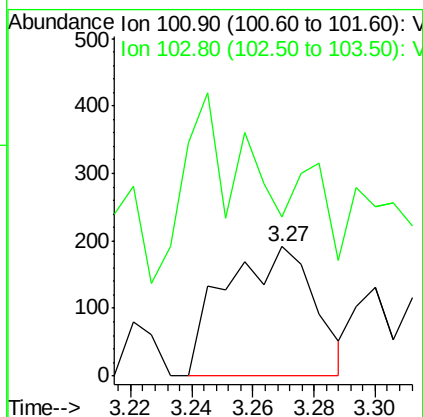
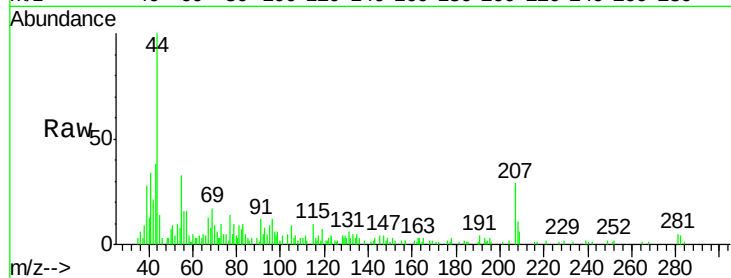


#7

Trichlorofluoromethane
Concen: 4.817 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.01 min
Lab File: VW008443.D
Acq: 29 Jan 2019 11:01

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBL01

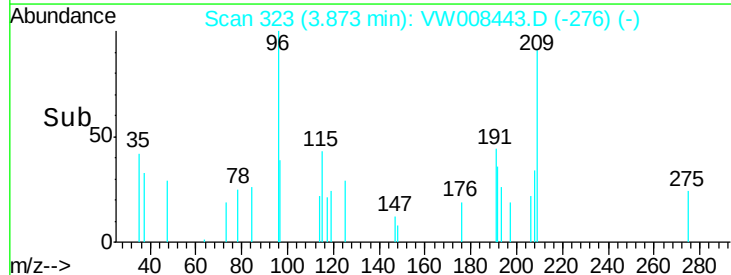
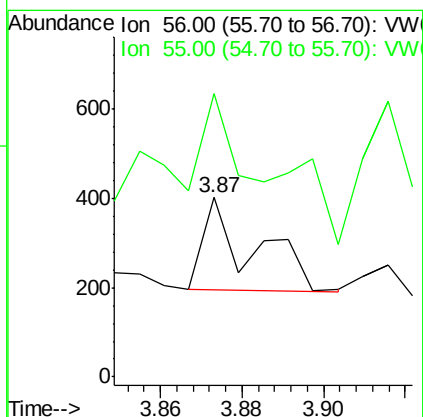
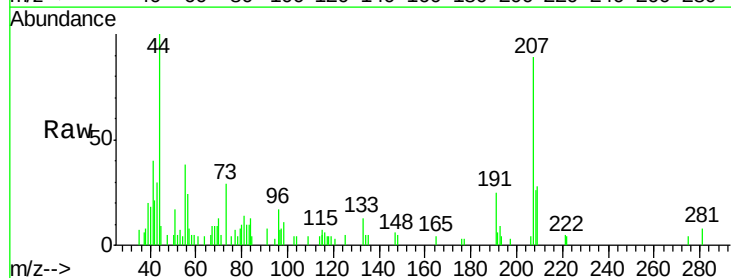
Tgt Ion: 101 Resp: 389
Ion Ratio Lower Upper
101 100
103 33.5 52.5 78.7#

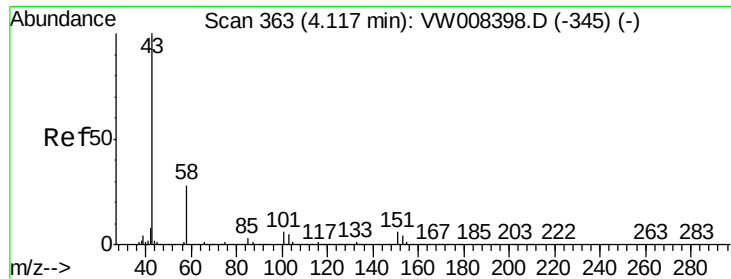


#13

Acrolein
Concen: 4.773 ug/l
RT: 3.87 min Scan# 323
Delta R.T. -0.01 min
Lab File: VW008443.D
Acq: 29 Jan 2019 11:01

Tgt Ion: 56 Resp: 176
Ion Ratio Lower Upper
56 100
55 329.5 56.7 85.1#

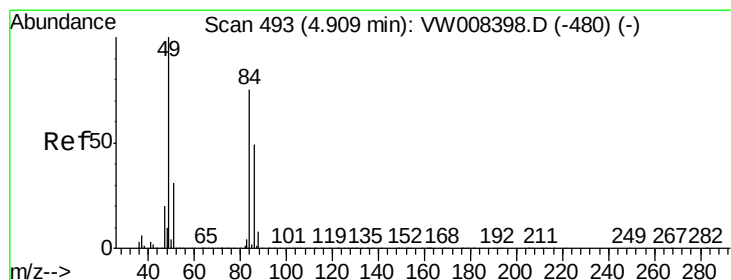
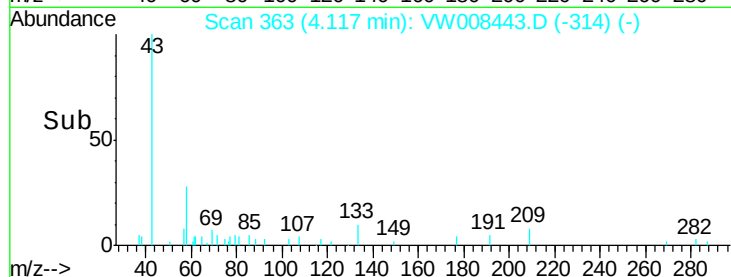
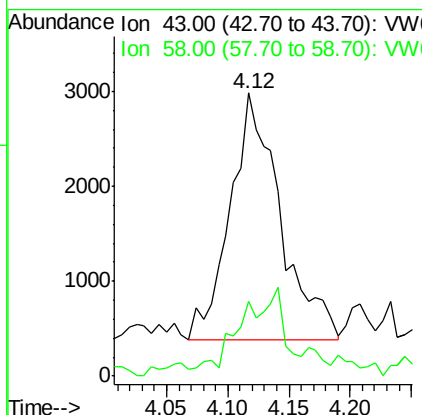
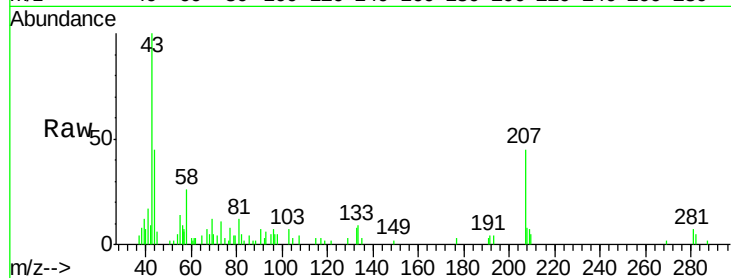




#16
Acetone
Concen: 7.940 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW008443.D
Acq: 29 Jan 2019 11:01

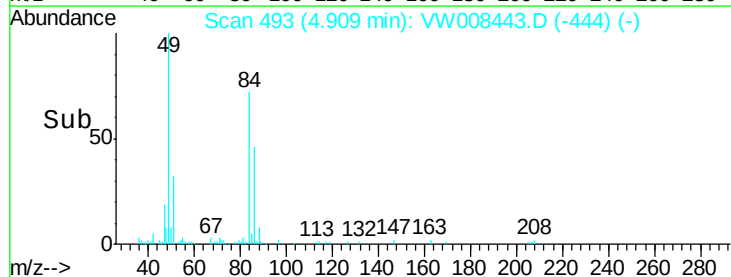
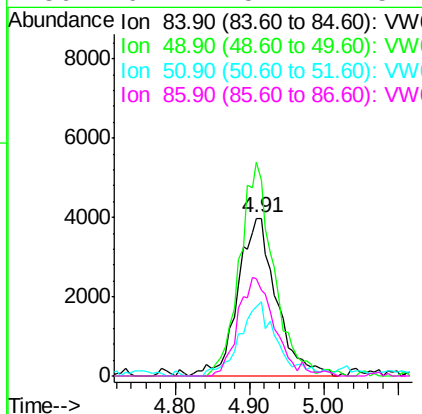
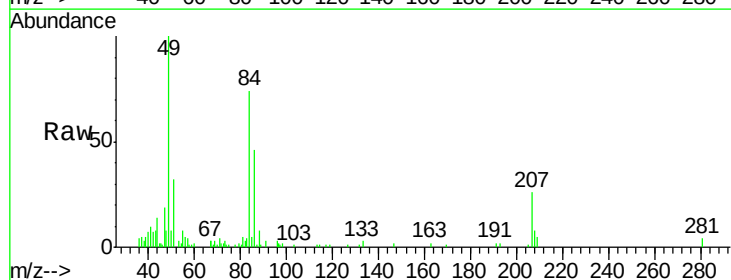
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBL01

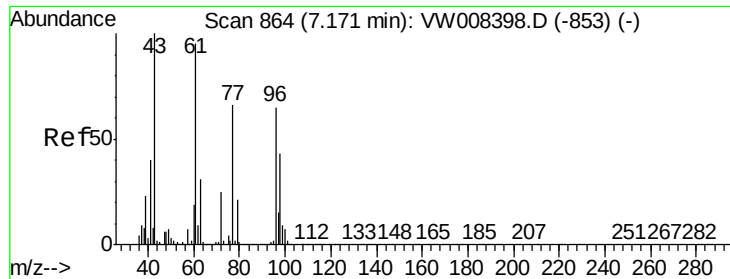
Tgt Ion: 43 Resp: 7386
Ion Ratio Lower Upper
43 100
58 27.5 22.6 34.0



#20
Methylene Chloride
Concen: 3.362 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008443.D
Acq: 29 Jan 2019 11:01

Tgt Ion: 84 Resp: 14415
Ion Ratio Lower Upper
84 100
49 135.3 106.8 160.2
51 43.6 32.9 49.3
86 61.7 52.2 78.2





#25

2-Butanone

Concen: 1.047 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW008443.D

Acq: 29 Jan 2019 11:01

Instrument :

MSVOA_W

ClientSampled :

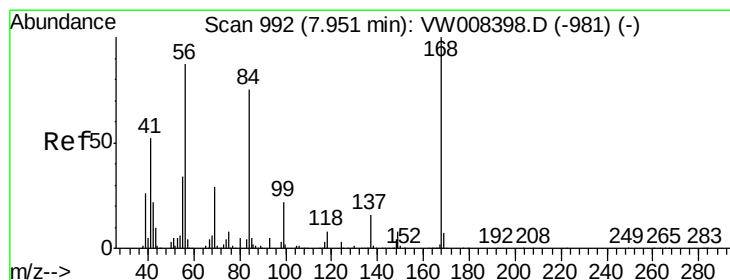
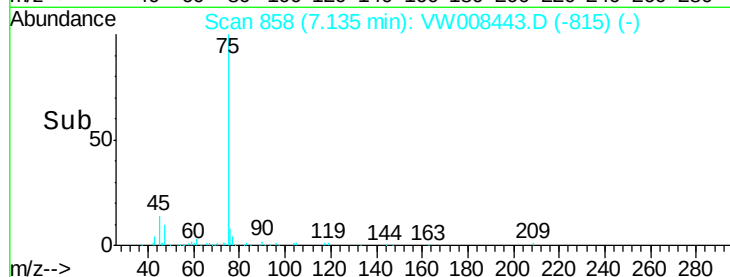
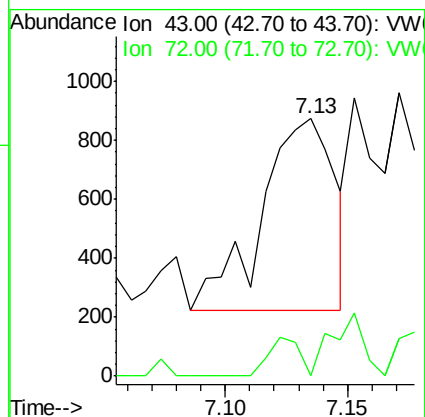
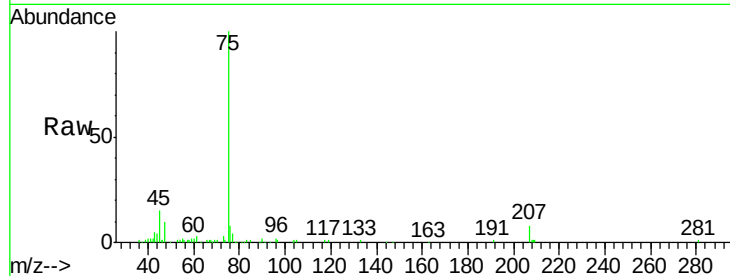
VW0129SBL01

Tgt Ion: 43 Resp: 1353

Ion Ratio Lower Upper

43 100

72 0.0 20.1 30.1#



#31

Cyclohexane

Concen: 1.131 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008443.D

Acq: 29 Jan 2019 11:01

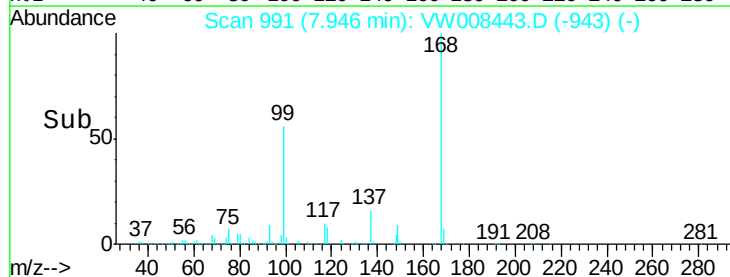
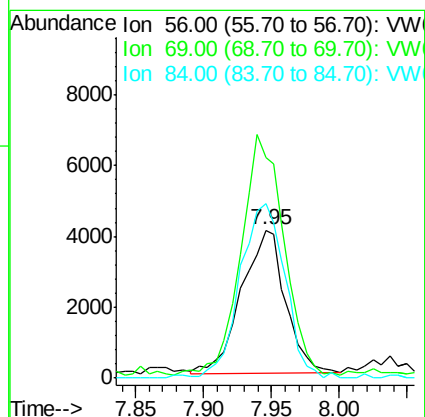
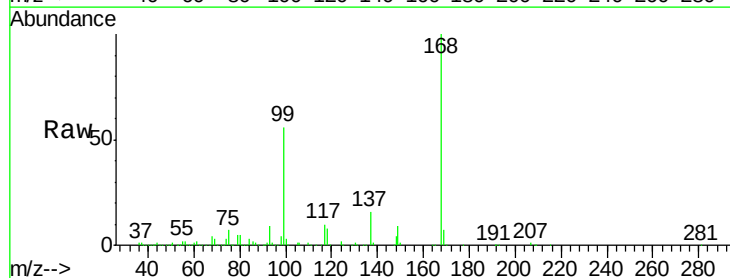
Tgt Ion: 56 Resp: 9197

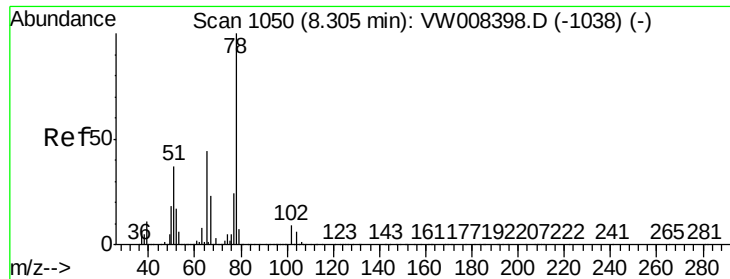
Ion Ratio Lower Upper

56 100

69 152.7 26.4 39.6#

84 122.3 69.1 103.7#

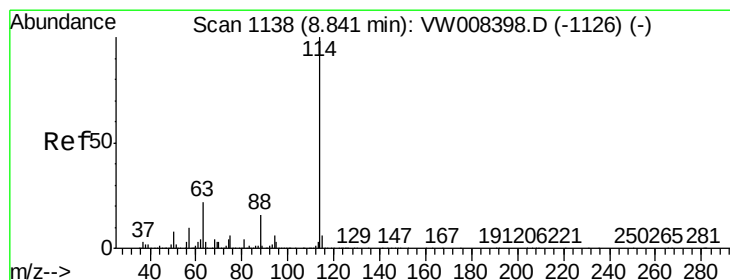
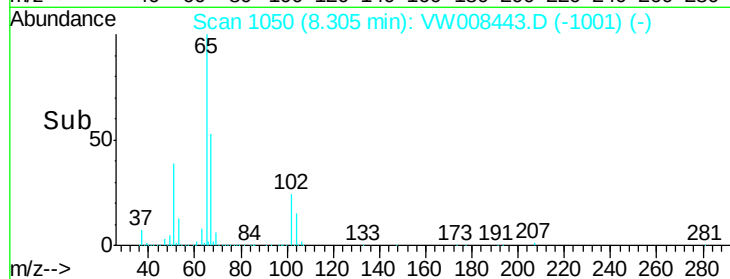
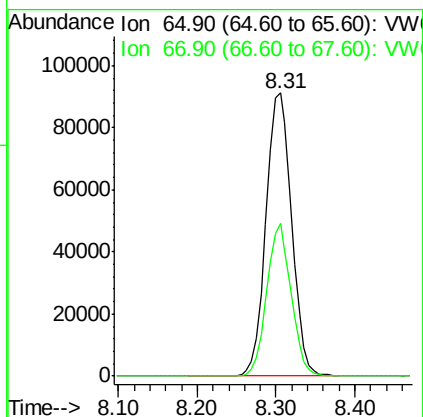
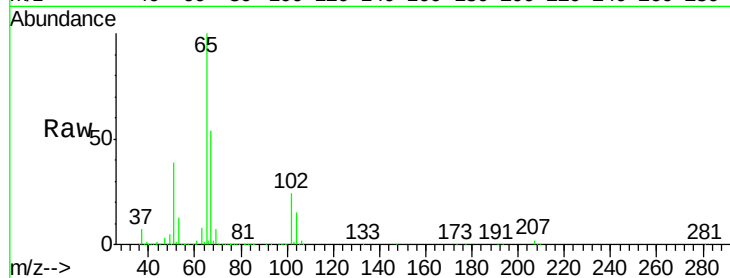




#33
 1,2-Dichloroethane-d4
 Concen: 49.696 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008443.D
 Acq: 29 Jan 2019 11:01

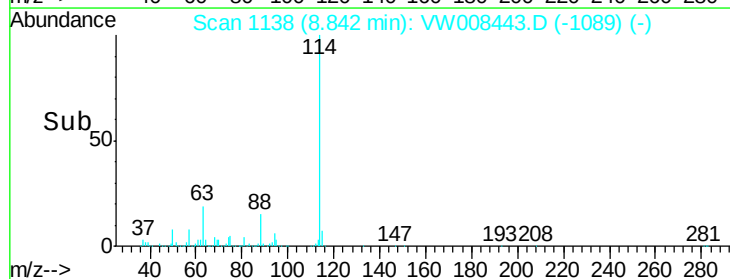
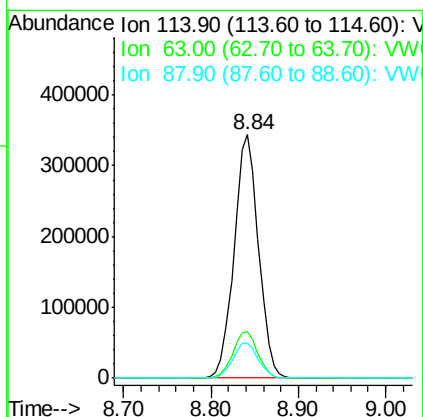
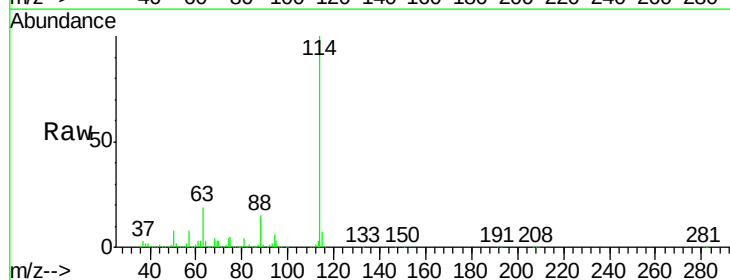
Instrument :
 MSVOA_W
 ClientSampled :
 VW0129SBL01

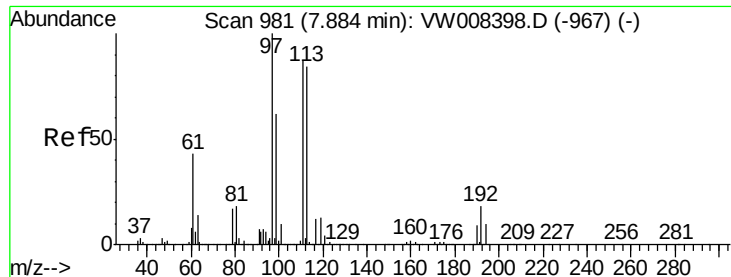
Tgt Ion: 65 Resp: 205853
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008443.D
 Acq: 29 Jan 2019 11:01

Tgt Ion: 114 Resp: 665598
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.6
 88 14.5 0.0 31.8

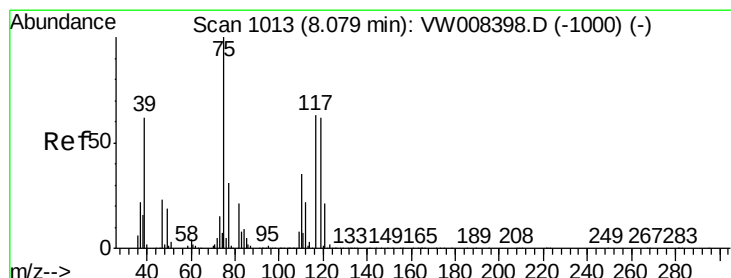
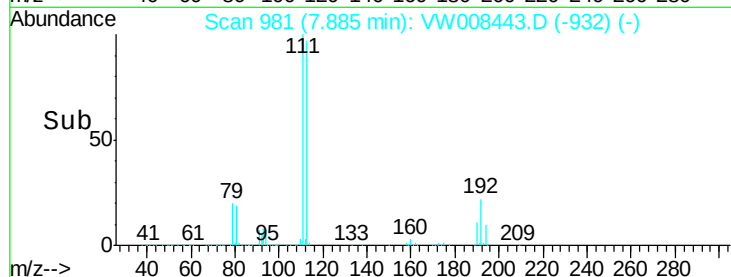
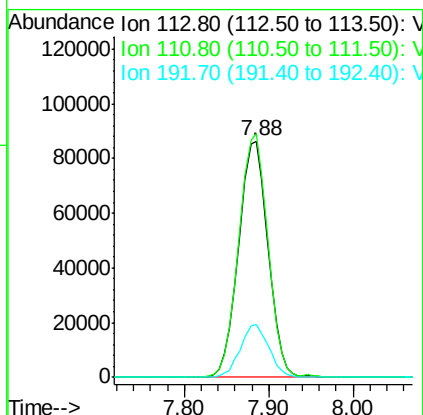
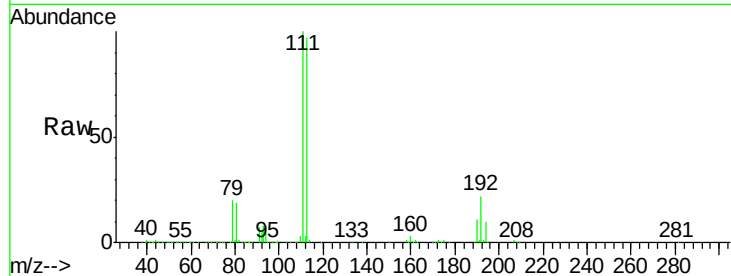




#35
Dibromofluoromethane
Concen: 52.375 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008443.D
Acq: 29 Jan 2019 11:01

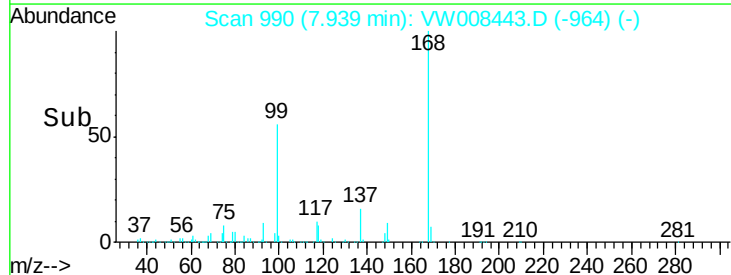
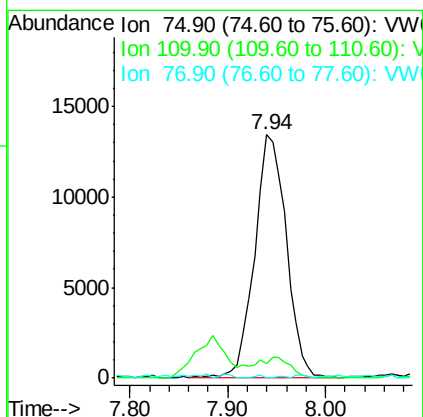
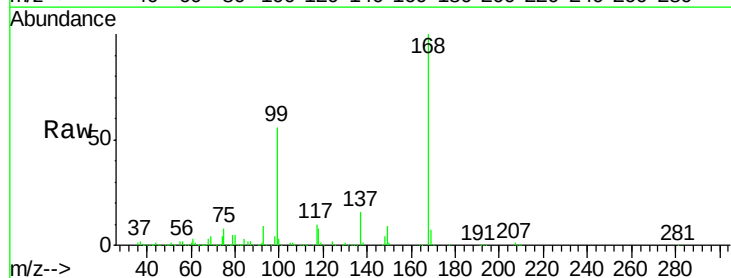
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBL01

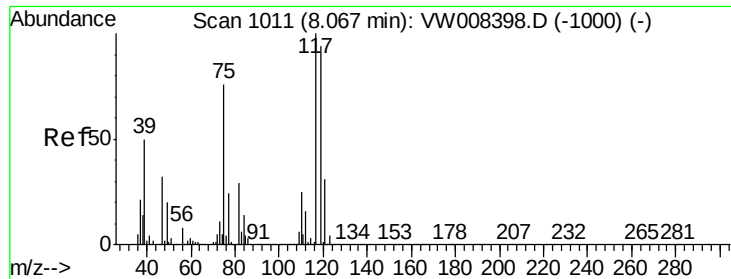
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.4
192	21.8	16.8	25.2



#36
1,1-Dichloropropene
Concen: 4.832 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.14 min
Lab File: VW008443.D
Acq: 29 Jan 2019 11:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.3	52.0#
77	0.3	24.7	37.1#

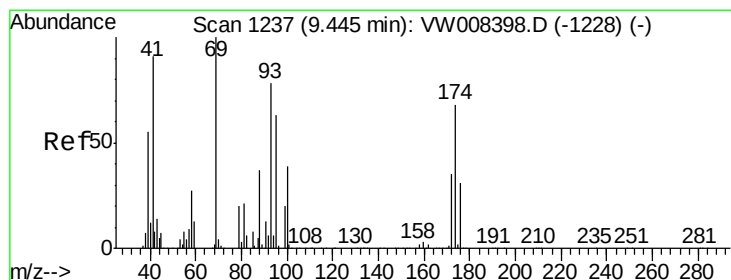
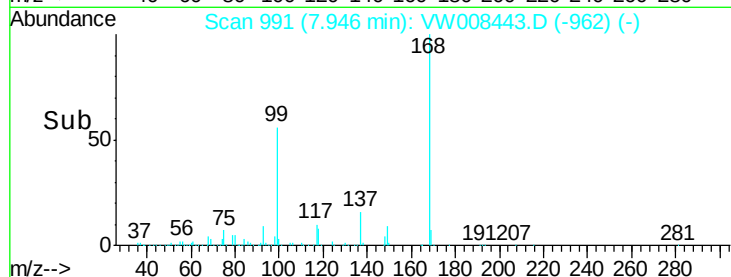
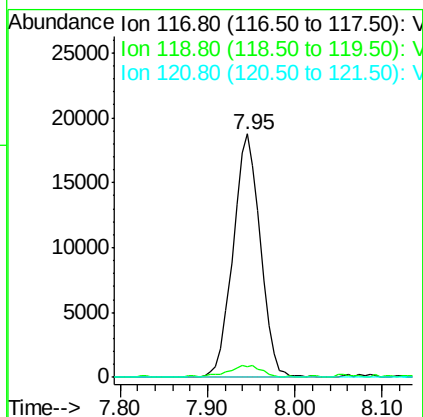
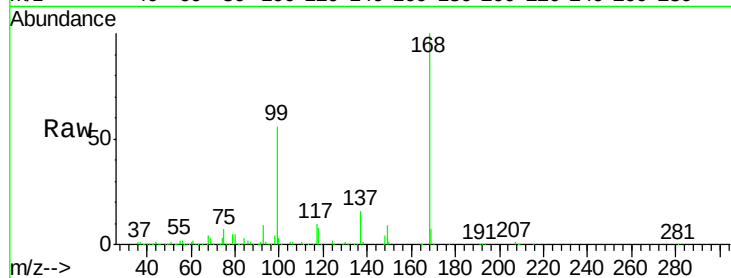




#38
Carbon Tetrachloride
Concen: 6.428 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008443.D
Acq: 29 Jan 2019 11:01

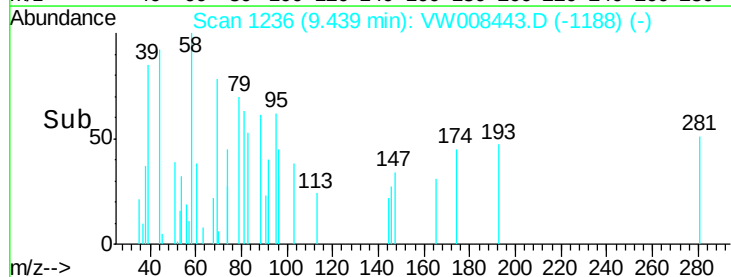
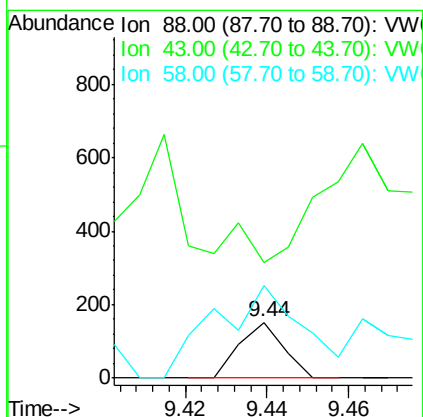
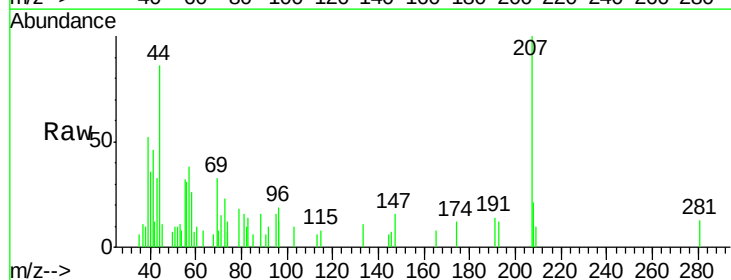
Instrument :
MSVOA_W
ClientSampleId :
VW0129SBL01

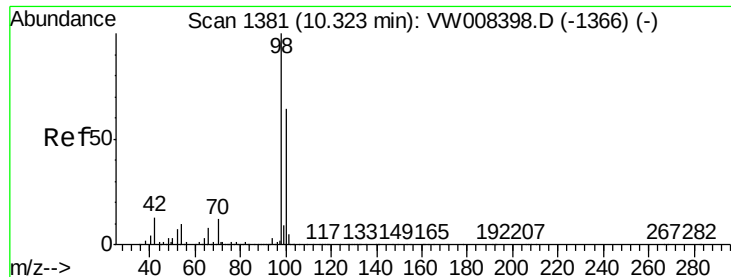
Tgt Ion:117 Resp: 40667
Ion Ratio Lower Upper
117 100
119 3.9 75.0 112.4#
121 0.0 24.9 37.3#



#49
1,4-Dioxane
Concen: 2.988 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008443.D
Acq: 29 Jan 2019 11:01

Tgt Ion: 88 Resp: 113
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 334.5 56.4 84.6#





#50

Toluene-d8

Concen: 50.012 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008443.D

Acq: 29 Jan 2019 11:01

Instrument :

MSVOA_W

ClientSampleId :

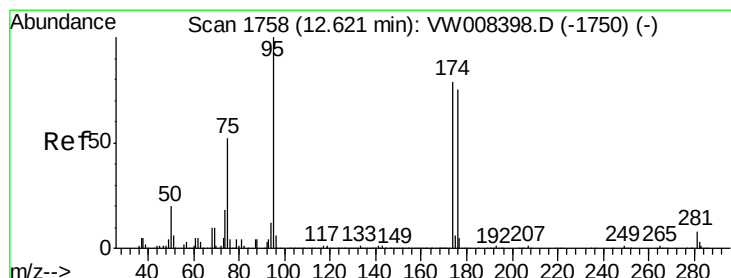
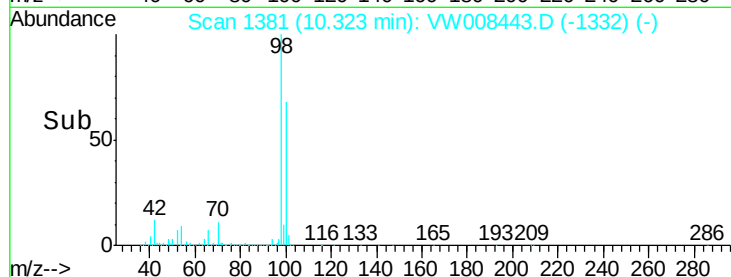
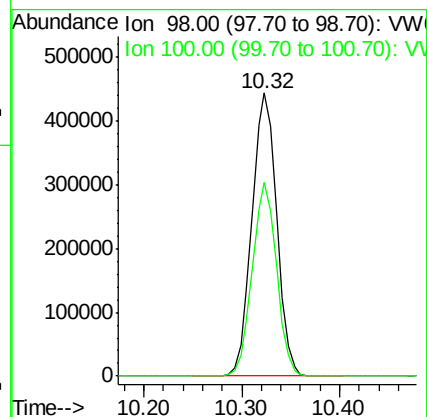
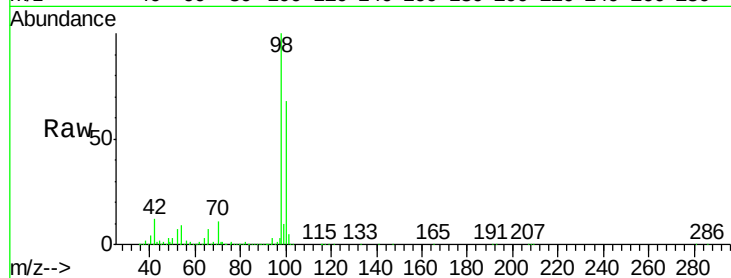
VW0129SBL01

Tgt Ion: 98 Resp: 780543

Ion Ratio Lower Upper

98 100

100 66.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 47.995 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008443.D

Acq: 29 Jan 2019 11:01

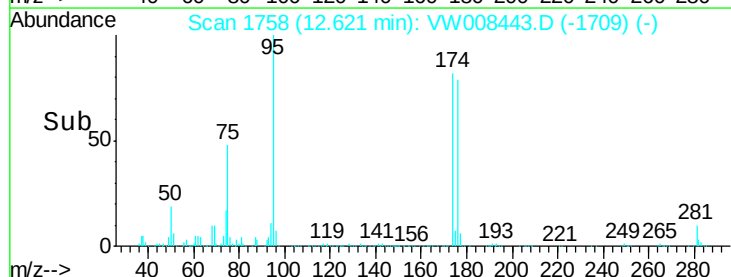
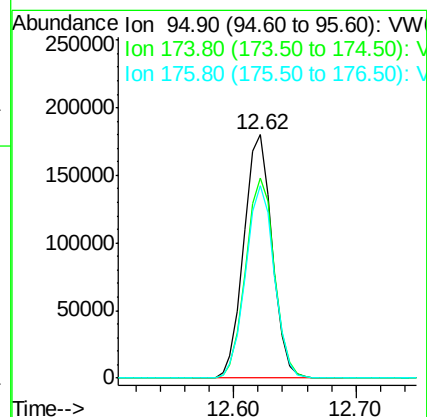
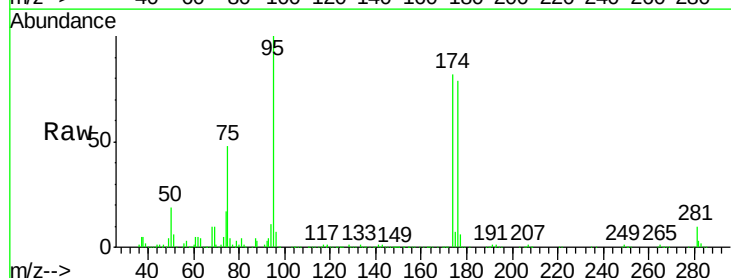
Tgt Ion: 95 Resp: 287925

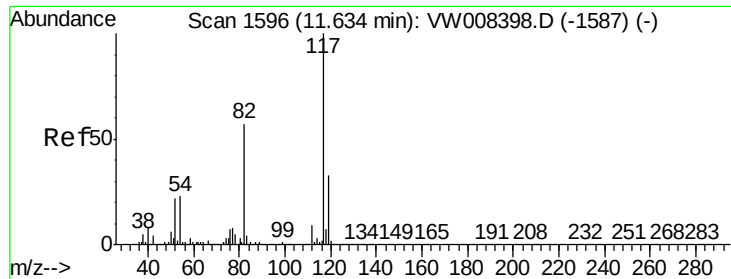
Ion Ratio Lower Upper

95 100

174 83.7 0.0 157.6

176 80.5 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: VW008443.D

Acq: 29 Jan 2019 11:01

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBL01

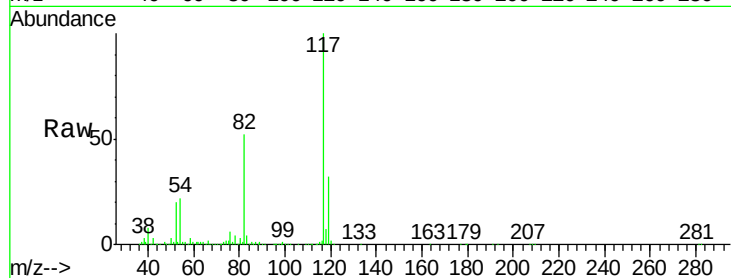
Tgt Ion:117 Resp: 589044

Ion Ratio Lower Upper

117 100

82 52.4 45.4 68.0

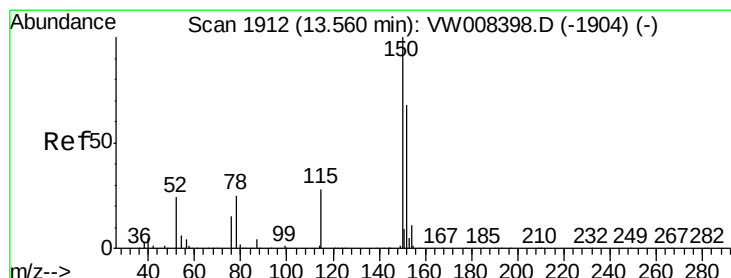
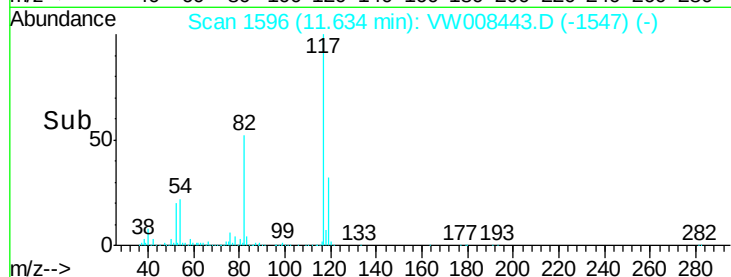
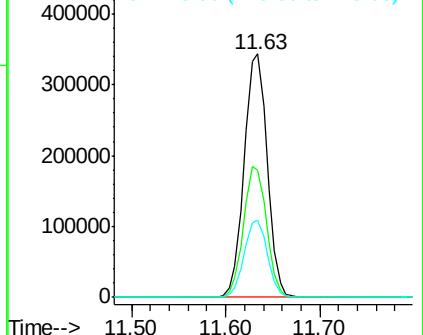
119 31.8 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008443.D

Acq: 29 Jan 2019 11:01

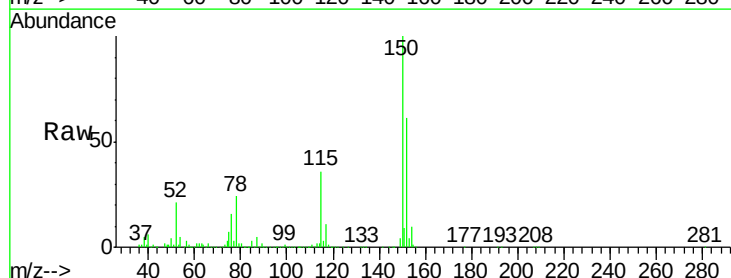
Tgt Ion:152 Resp: 289036

Ion Ratio Lower Upper

152 100

115 57.5 29.9 89.7

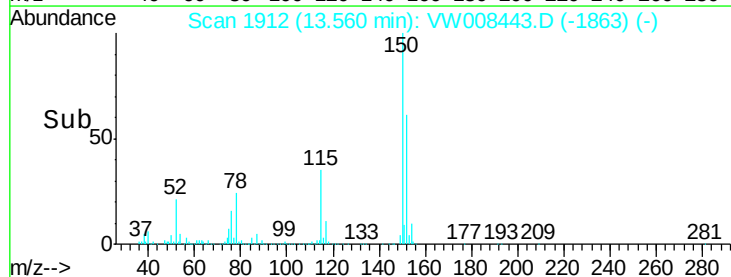
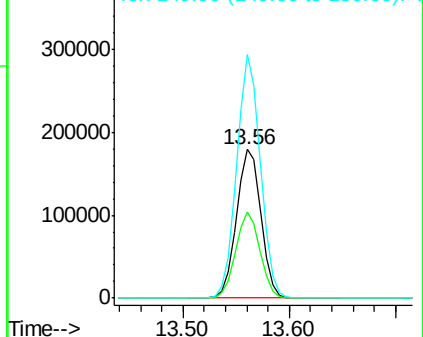
150 158.5 0.0 351.4

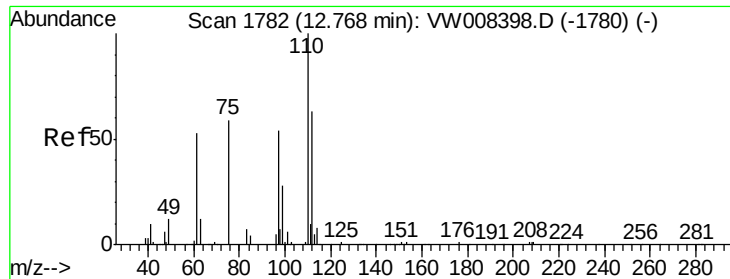


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

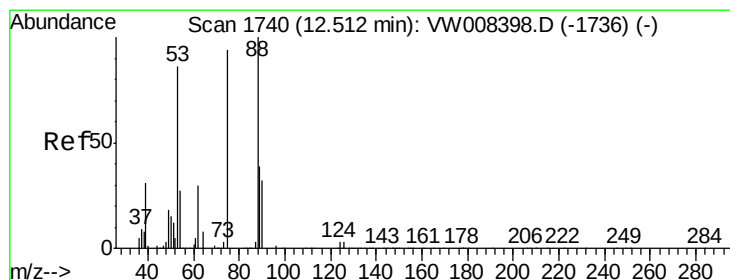
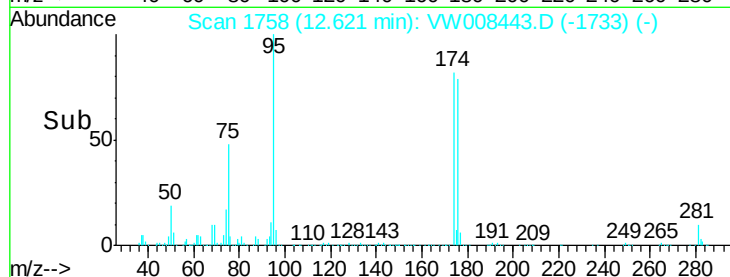
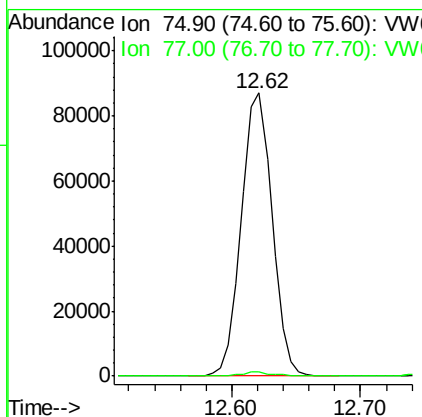
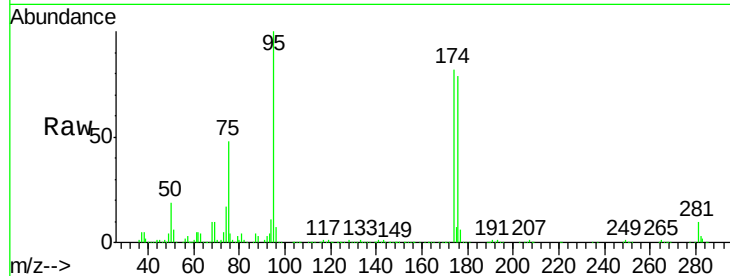




#76
 1,2,3-Trichloropropane
 Concen: 57.232 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008443.D
 Acq: 29 Jan 2019 11:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBL01

Tgt Ion: 75 Resp: 143821
 Ion Ratio Lower Upper
 75 100
 77 1.5 180.7 542.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.037 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008443.D
 Acq: 29 Jan 2019 11:01

Tgt Ion: 75 Resp: 143821
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.0 114.0#
 89 0.1 35.4 53.0#

