

Data File : VW008498.D
Acq On : 04 Feb 2019 10:44
Operator : SY/VA
Sample : VW0204SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0204SBL01

Quant Time: Feb 05 02:59:25 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	374749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	596673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	541182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	269399	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	191089	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	7.88	113	185126	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
50) Toluene-d8	10.32	98	710297	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	260936	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	

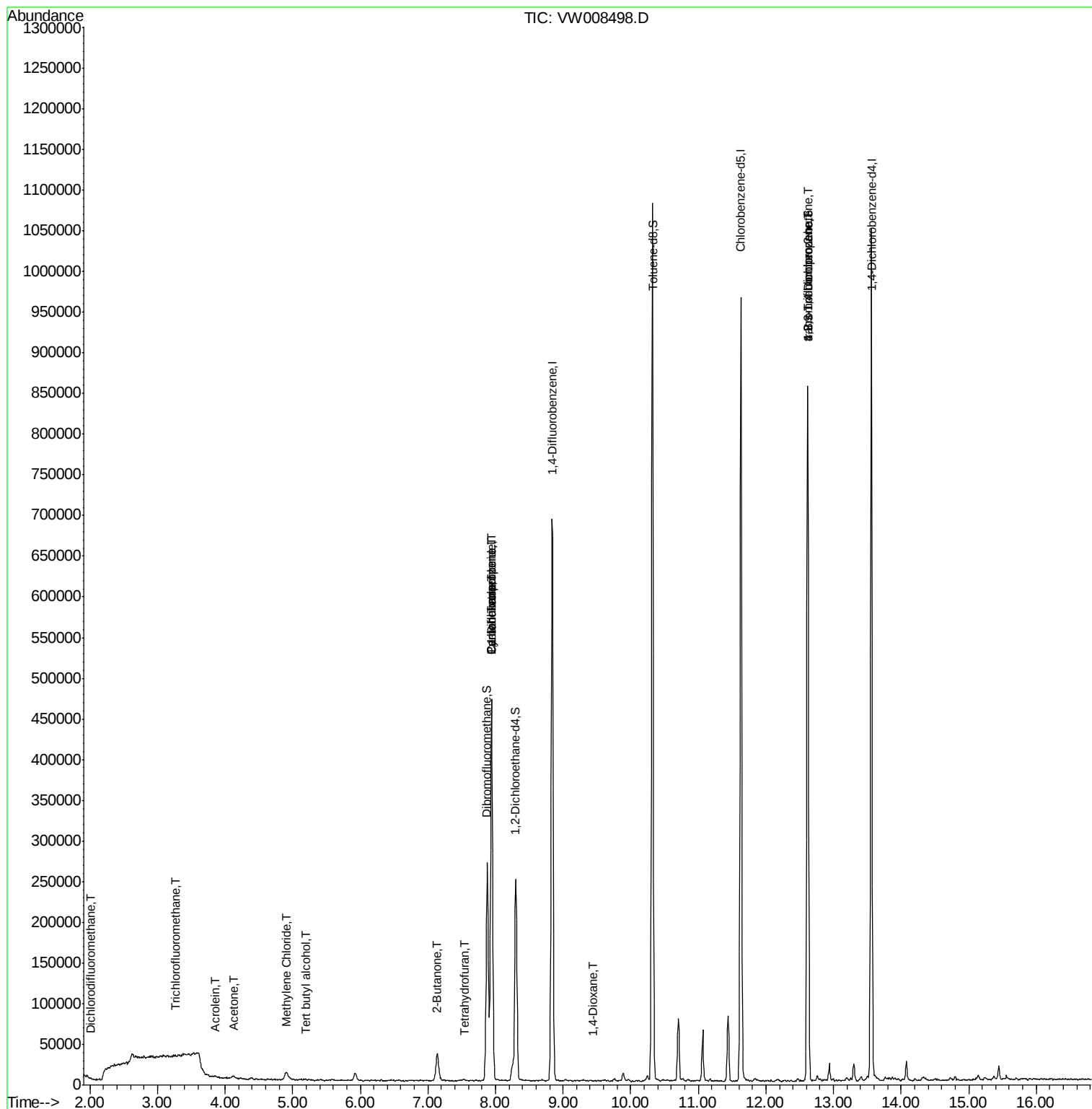
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.02	85	2077	4.149	ug/l #	70
7) Trichlorofluoromethane	3.26	101	74	4.745	ug/l	85
11) Tert butyl alcohol	5.18	59	701	2.365	ug/l #	70
13) Acrolein	3.87	56	415	5.746	ug/l #	44
16) Acetone	4.12	43	5794	7.008	ug/l	90
20) Methylene Chloride	4.90	84	8428	2.212	ug/l	86
25) 2-Butanone	7.12	43	1150	1.001	ug/l #	50
29) Tetrahydrofuran	7.53	42	1358	1.866	ug/l #	83
31) Cyclohexane	7.95	56	8249	1.142	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	26817	4.758	ug/l #	51
38) Carbon Tetrachloride	7.94	117	35702	6.295	ug/l #	17
49) 1,4-Dioxane	9.44	88	193	5.693	ug/l #	66
76) 1,2,3-Trichloropropane	12.62	75	133635	57.054	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	133635	112.687	ug/l #	12

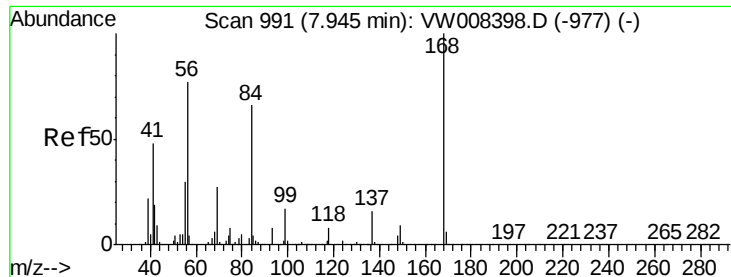
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008498.D
Acq On : 04 Feb 2019 10:44
Operator : SY/VA
Sample : VW0204SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0204SBL01

Quant Time: Feb 05 02:59:25 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008498.D

Acq: 04 Feb 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

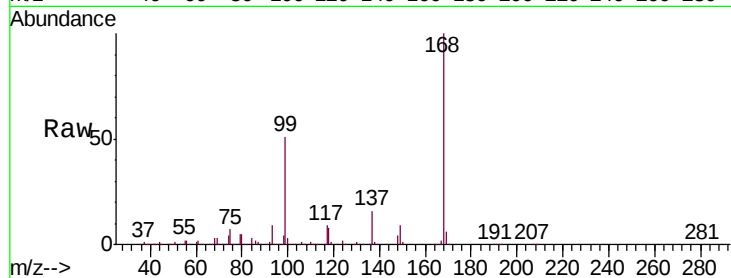
VW0204SBL01

Tgt Ion:168 Resp: 374749

Ion Ratio Lower Upper

168 100

99 50.8 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

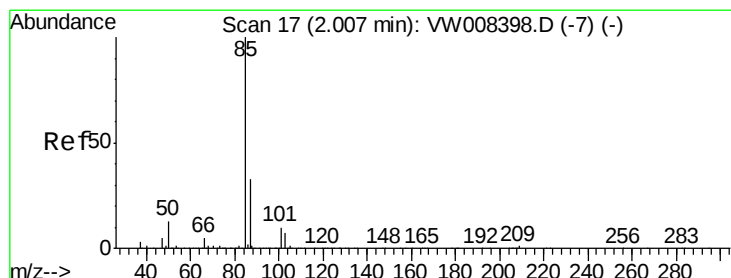
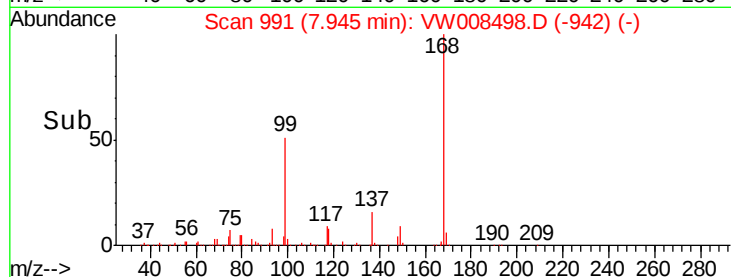
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 4.149 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW008498.D

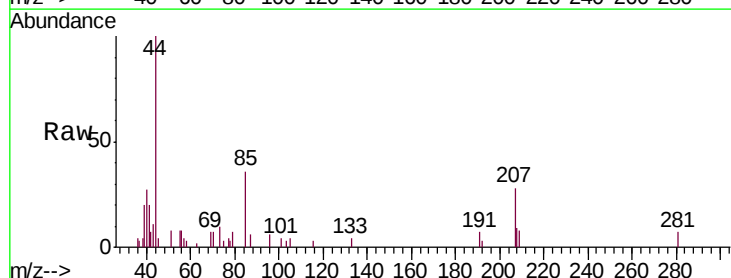
Acq: 04 Feb 2019 10:44

Tgt Ion: 85 Resp: 2077

Ion Ratio Lower Upper

85 100

87 16.5 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.02

800

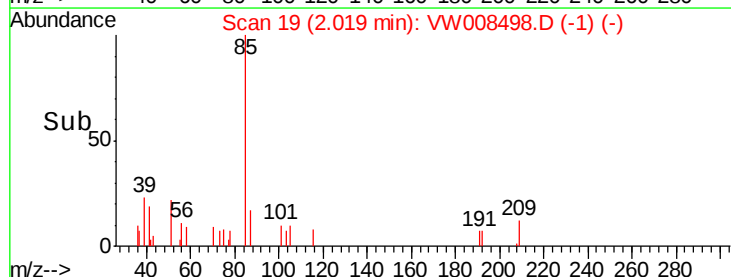
600

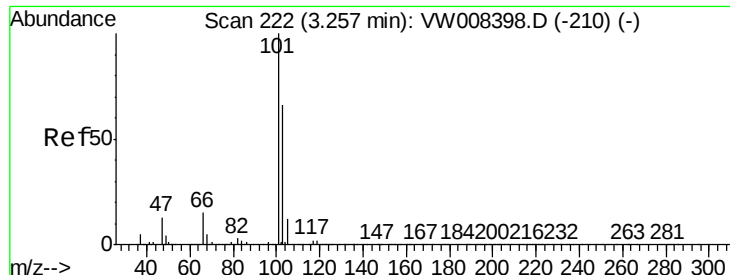
400

200

0

Time--> 1.90 1.95 2.00 2.05 2.10



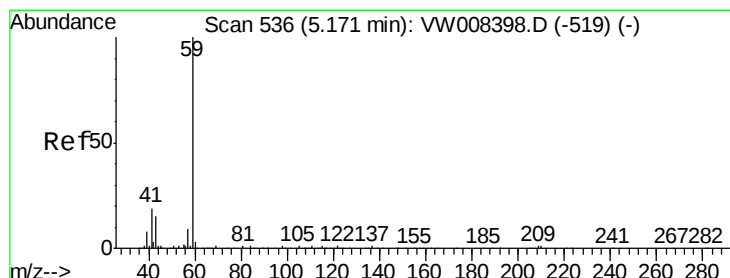
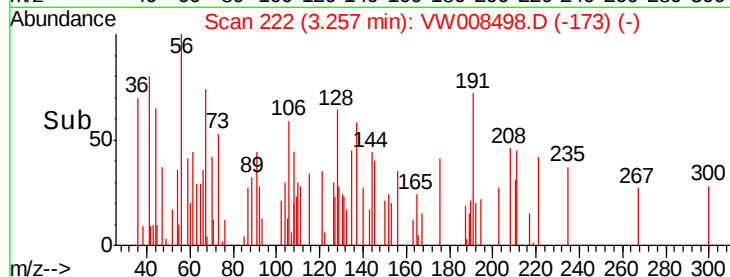
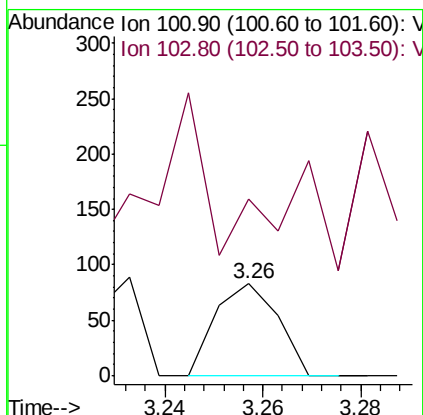
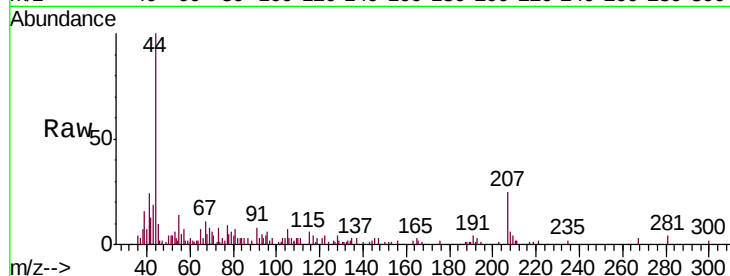


#7

Trichlorofluoromethane
Concen: 4.745 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW008498.D
Acq: 04 Feb 2019 10:44

Instrument :
MSVOA_W
ClientSampled :
VW0204SBL01

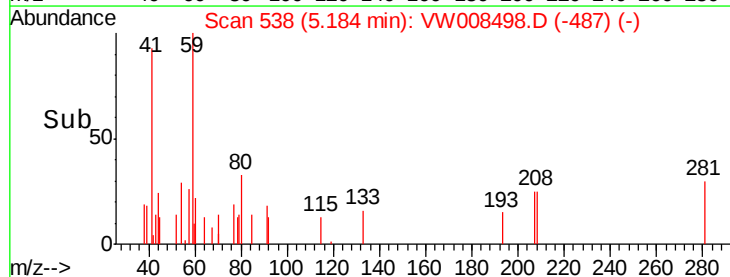
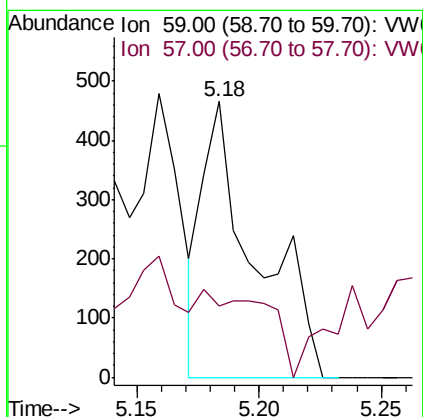
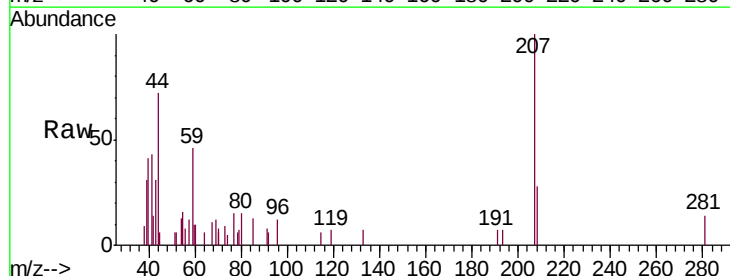
Tgt Ion: 101 Resp: 74
Ion Ratio Lower Upper
101 100
103 77.1 52.5 78.7

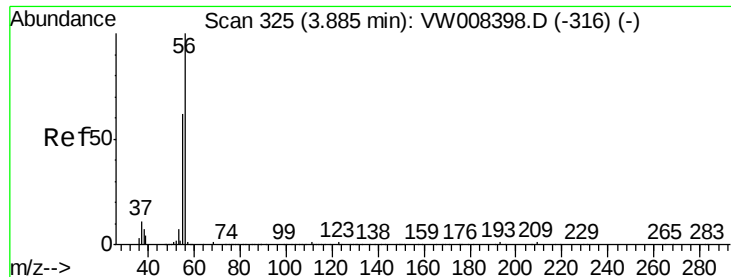


#11

Tert butyl alcohol
Concen: 2.365 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW008498.D
Acq: 04 Feb 2019 10:44

Tgt Ion: 59 Resp: 701
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#





#13

Acrolein

Concen: 5.746 ug/l

RT: 3.87 min Scan# 322

Delta R.T. -0.02 min

Lab File: VW008498.D

Acq: 04 Feb 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

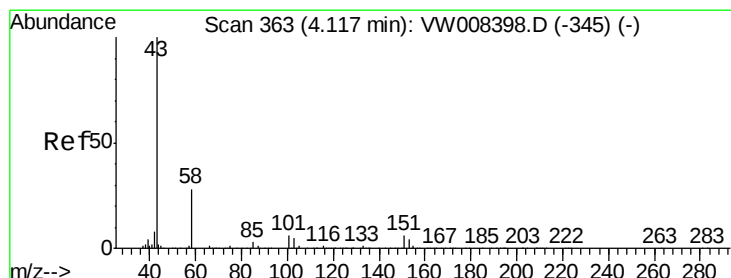
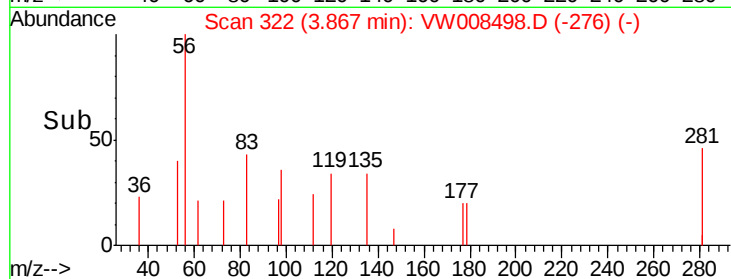
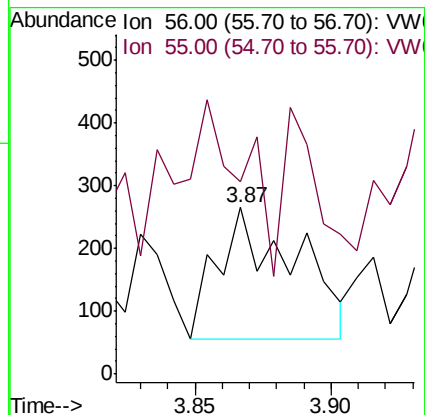
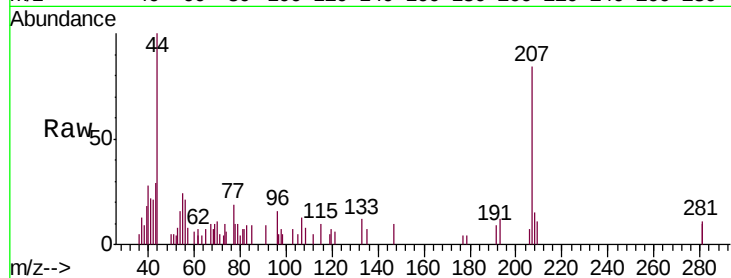
VW0204SBL01

Tgt Ion: 56 Resp: 415

Ion Ratio Lower Upper

56 100

55 117.1 56.7 85.1#



#16

Acetone

Concen: 7.008 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008498.D

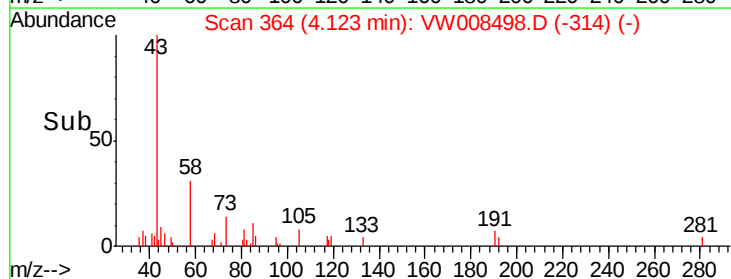
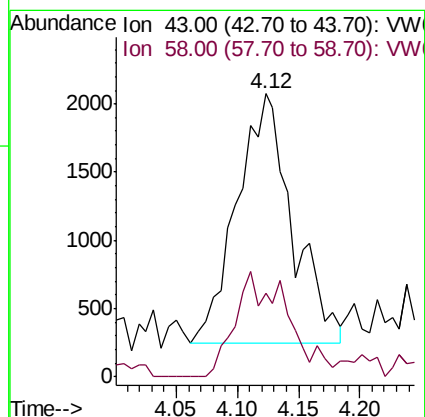
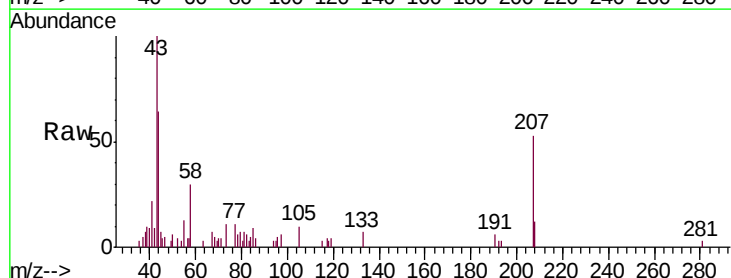
Acq: 04 Feb 2019 10:44

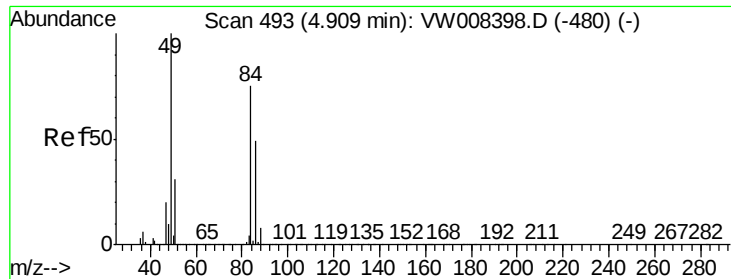
Tgt Ion: 43 Resp: 5794

Ion Ratio Lower Upper

43 100

58 33.7 22.6 34.0

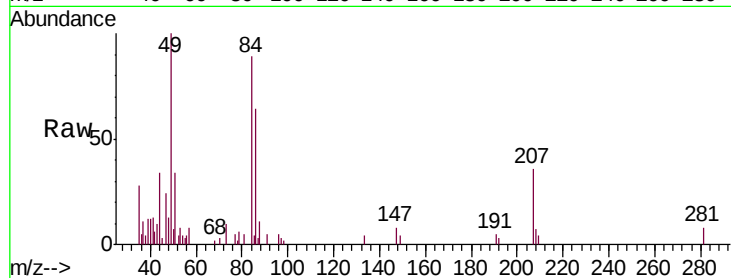




#20
Methylene Chloride
Concen: 2.212 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008498.D
Acq: 04 Feb 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VW0204SBL01

Tgt Ion:	84	Resp:	8428
Ion	Ratio	Lower	Upper
84	100		
49	112.4	106.8	160.2
51	34.3	32.9	49.3
86	71.7	52.2	78.2



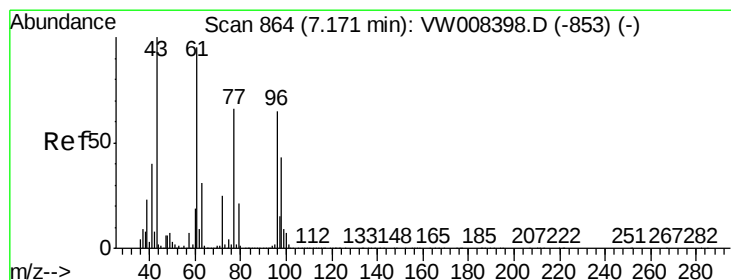
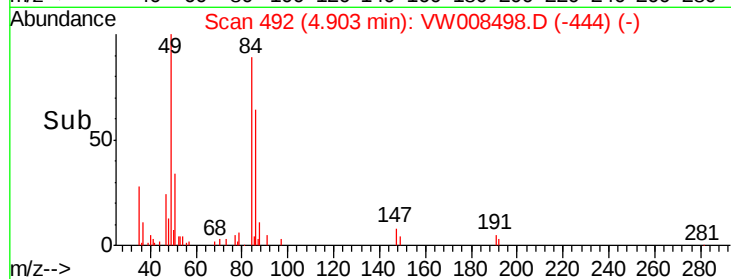
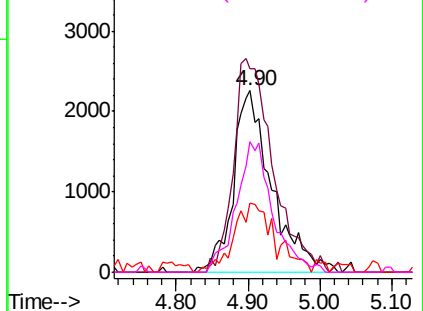
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

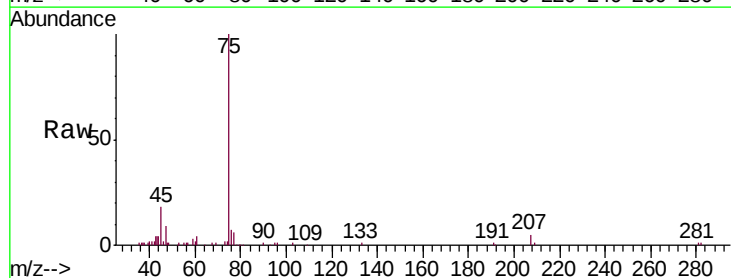
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 1.001 ug/l
RT: 7.12 min Scan# 856
Delta R.T. -0.05 min
Lab File: VW008498.D
Acq: 04 Feb 2019 10:44

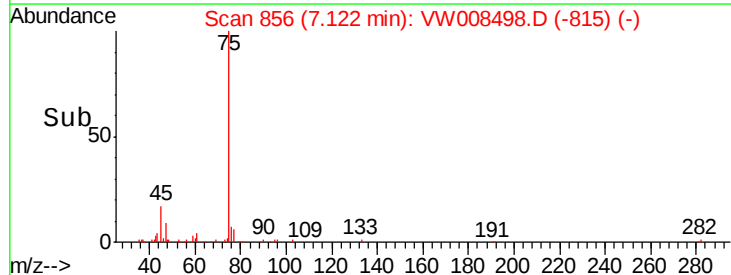
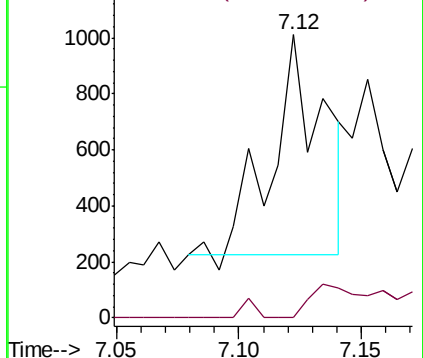
Tgt Ion:	43	Resp:	1150
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.1	30.1#

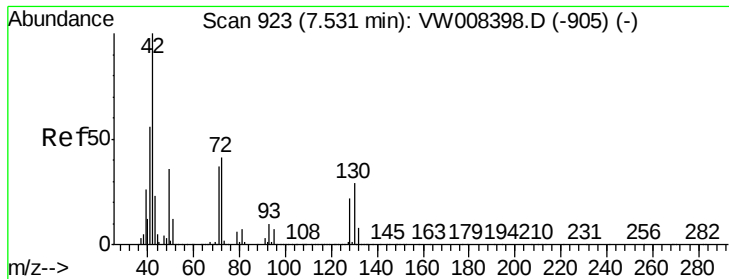


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

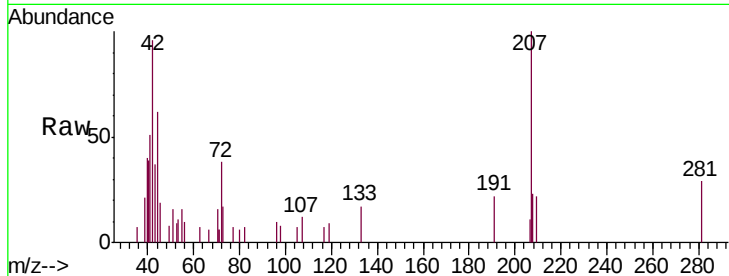




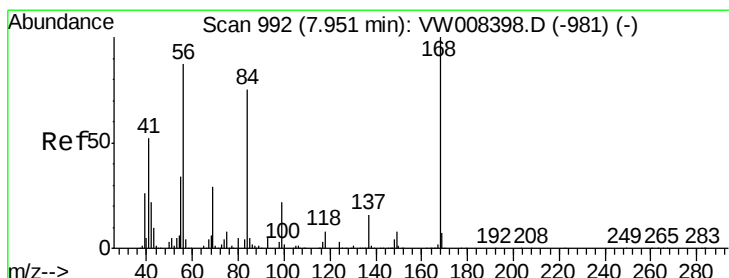
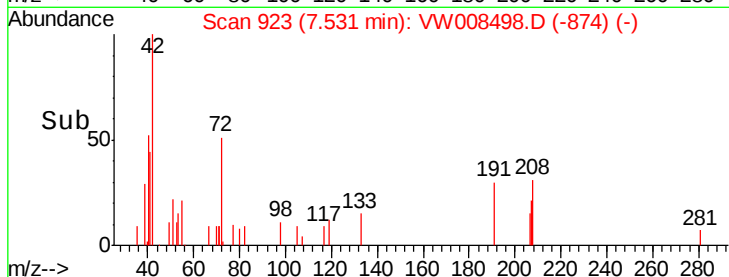
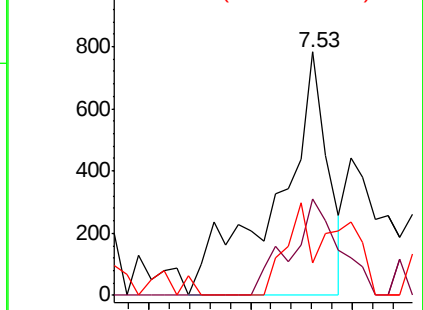
#29
Tetrahydrofuran
Concen: 1.866 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008498.D
Acq: 04 Feb 2019 10:44

Instrument :
MSVOA_W
ClientSampleId :
VW0204SBL01

Tgt Ion: 42 Resp: 1358
Ion Ratio Lower Upper
42 100
72 38.5 31.9 47.9
71 18.3 29.9 44.9#

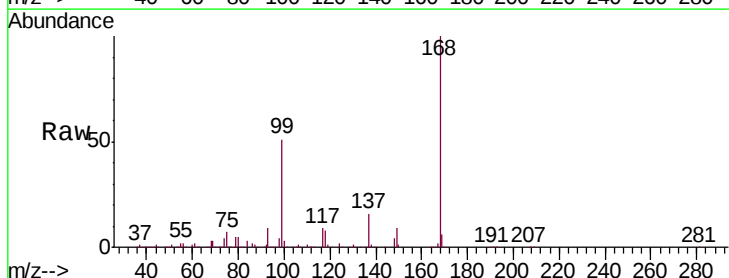


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

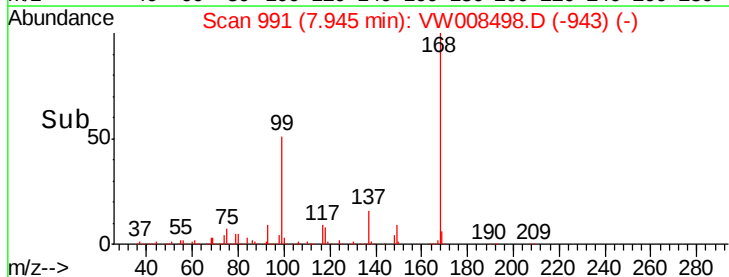
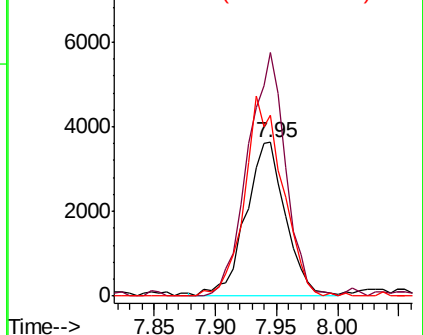


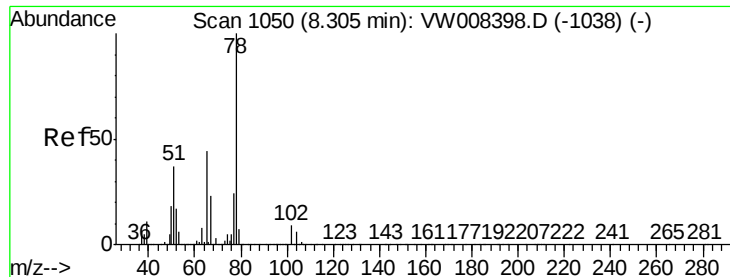
#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008498.D
Acq: 04 Feb 2019 10:44

Tgt Ion: 56 Resp: 8249
Ion Ratio Lower Upper
56 100
69 161.3 26.4 39.6#
84 120.1 69.1 103.7#



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

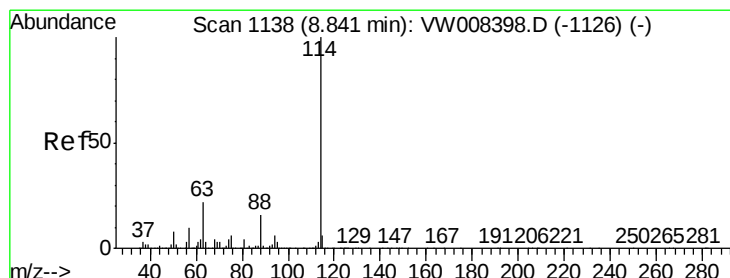
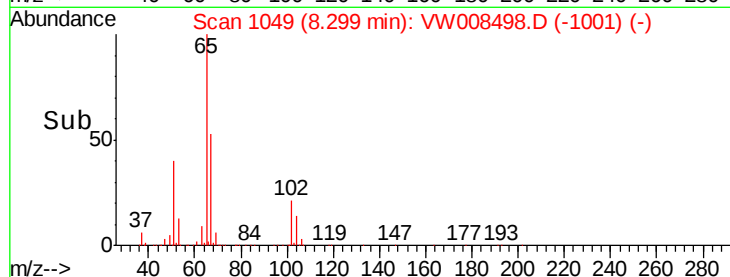
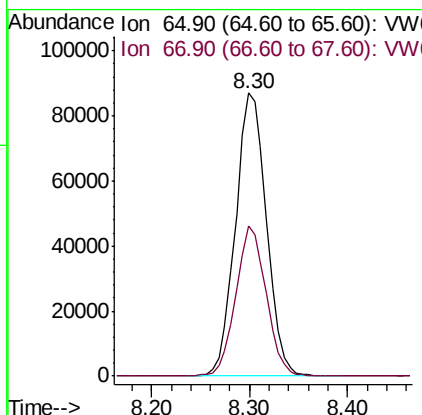
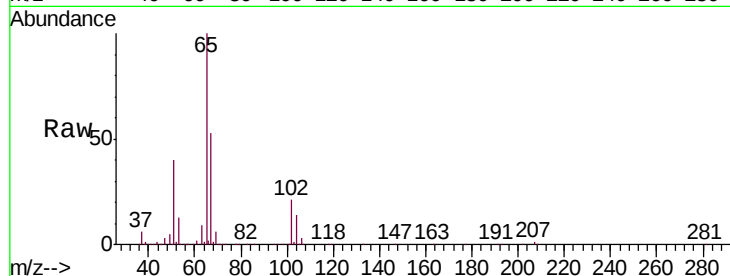




#33
 1,2-Dichloroethane-d4
 Concen: 51.904 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008498.D
 Acq: 04 Feb 2019 10:44

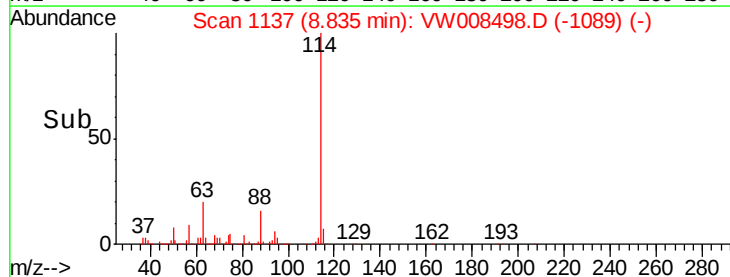
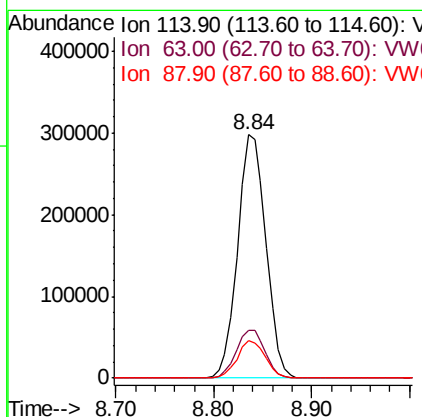
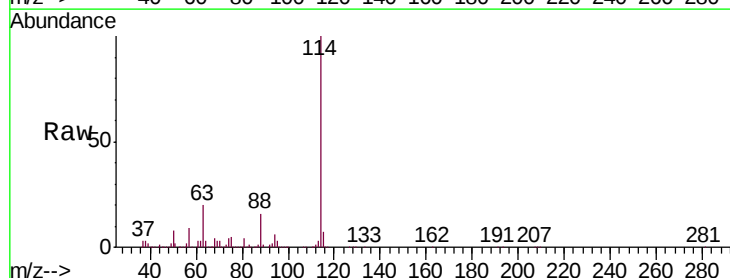
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBL01

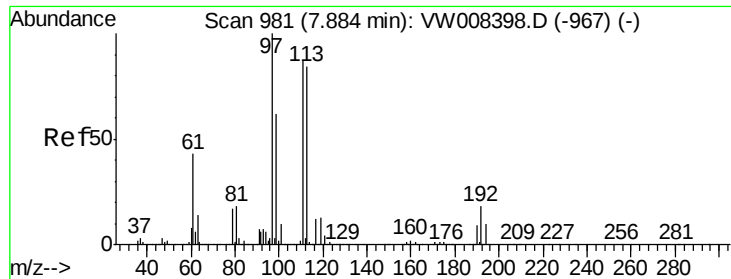
Tgt Ion: 65 Resp: 191089
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW008498.D
 Acq: 04 Feb 2019 10:44

Tgt Ion: 114 Resp: 596673
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.6
 88 15.7 0.0 31.8

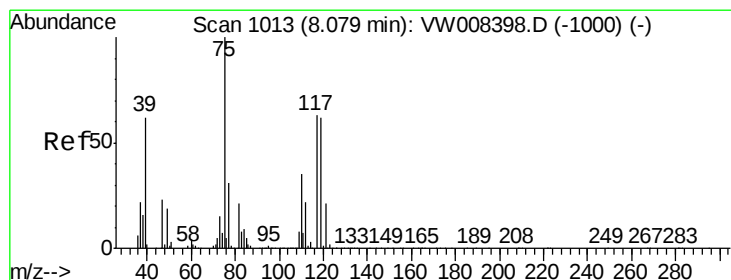
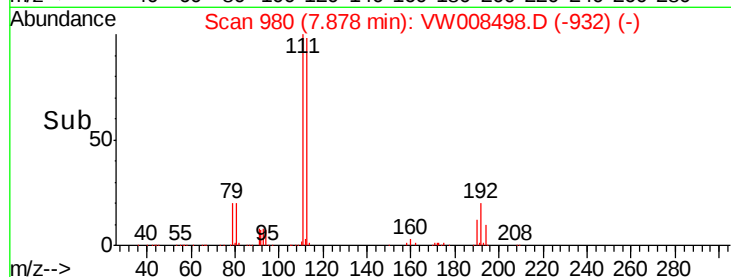
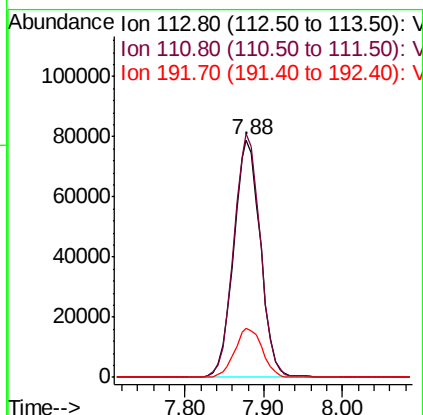
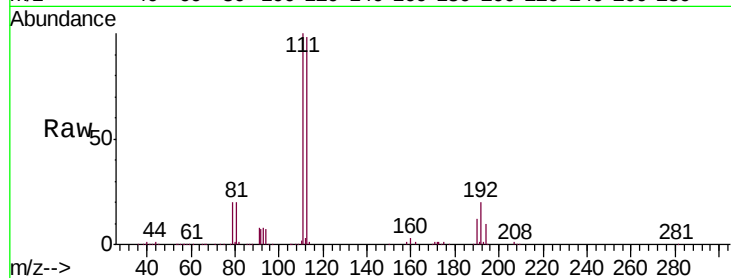




#35
 Dibromofluoromethane
 Concen: 53.061 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008498.D
 Acq: 04 Feb 2019 10:44

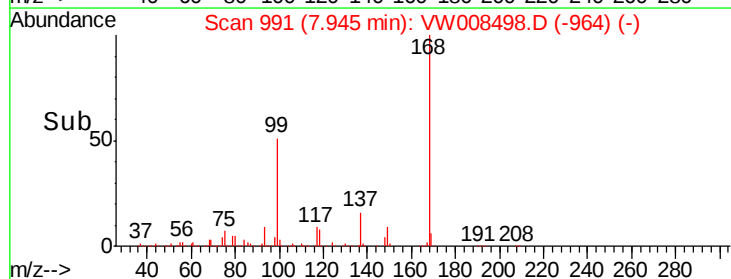
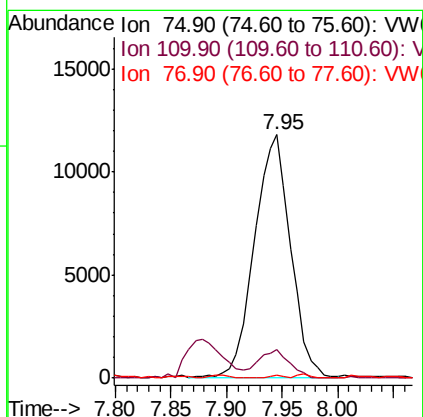
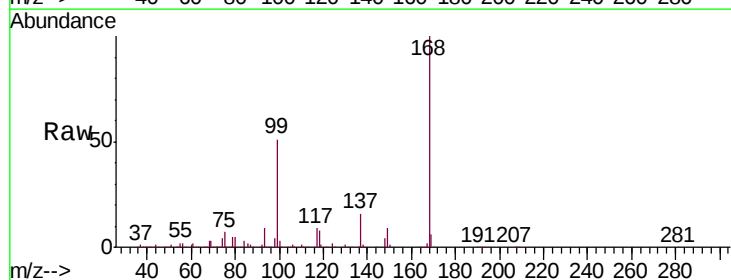
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBL01

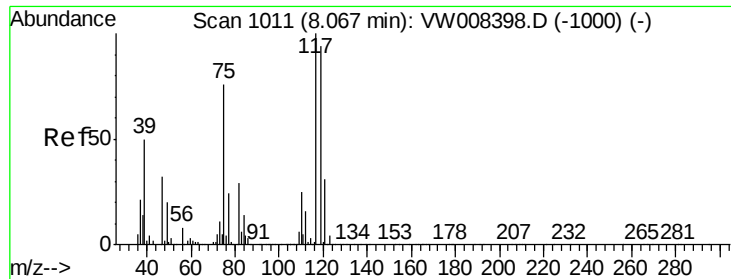
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.0	121.4
192	21.6	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 4.758 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008498.D
 Acq: 04 Feb 2019 10:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.3	52.0#
77	0.4	24.7	37.1#

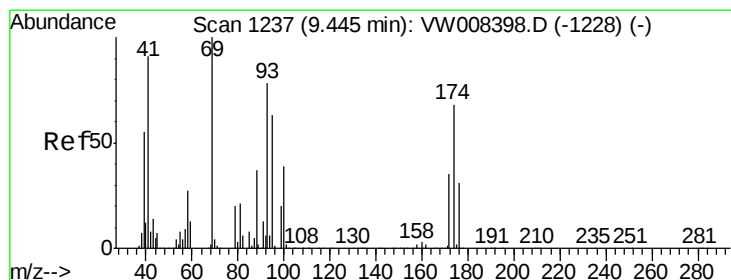
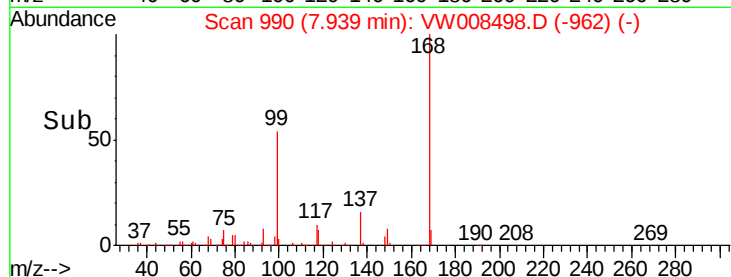
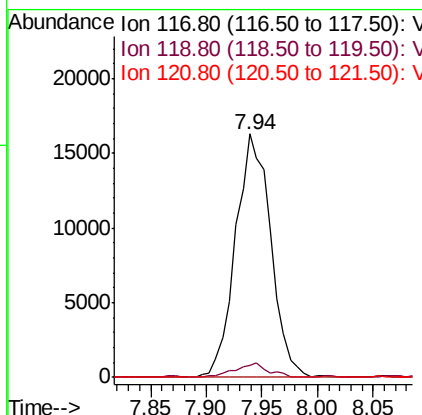
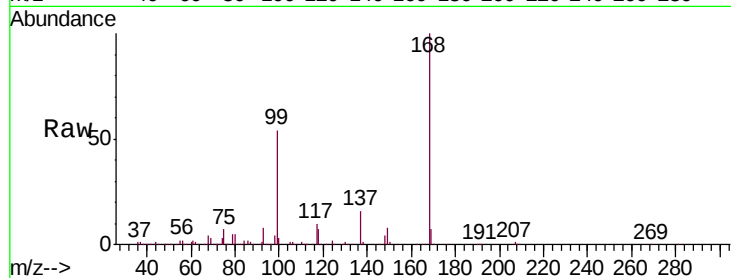




#38
Carbon Tetrachloride
Concen: 6.295 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW008498.D
Acq: 04 Feb 2019 10:44

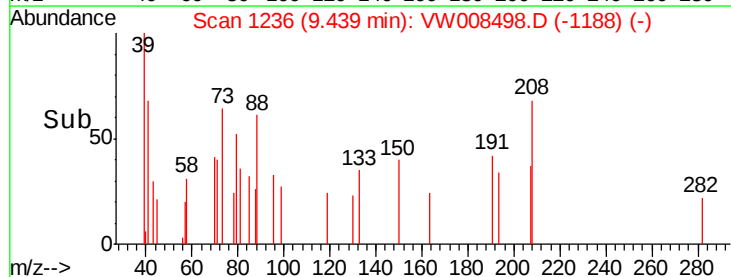
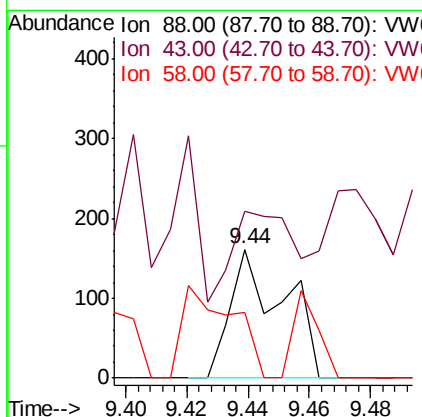
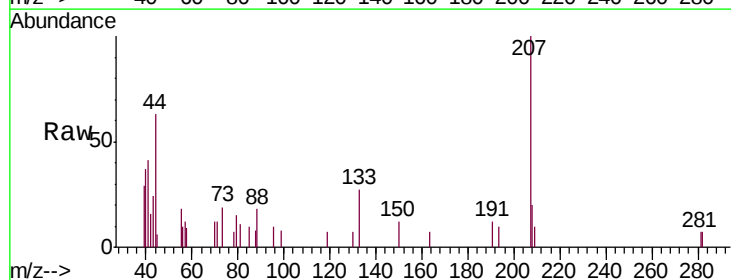
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBL01

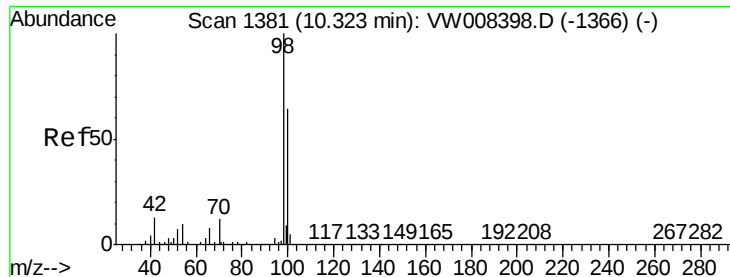
Tgt Ion:117 Resp: 35702
Ion Ratio Lower Upper
117 100
119 4.8 75.0 112.4#
121 0.4 24.9 37.3#



#49
1,4-Dioxane
Concen: 5.693 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008498.D
Acq: 04 Feb 2019 10:44

Tgt Ion: 88 Resp: 193
Ion Ratio Lower Upper
88 100
43 42.5 29.0 43.4
58 32.1 56.4 84.6#





#50

Toluene-d8

Concen: 50.769 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008498.D

Acq: 04 Feb 2019 10:44

Instrument :

MSVOA_W

ClientSampleId :

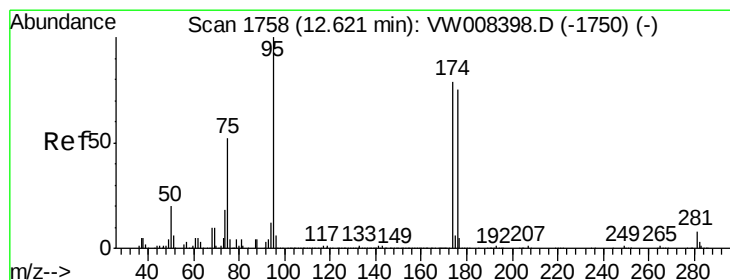
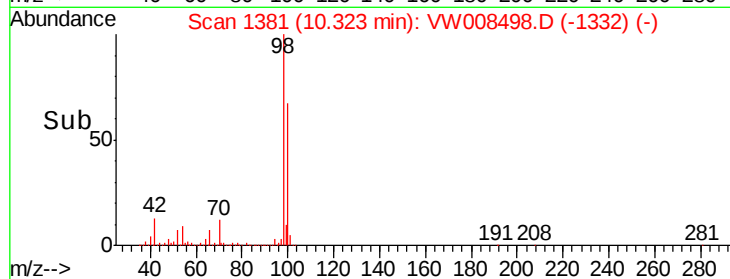
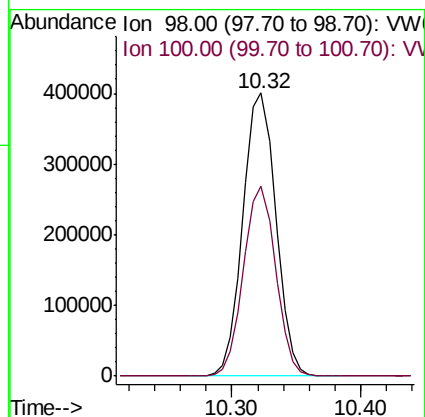
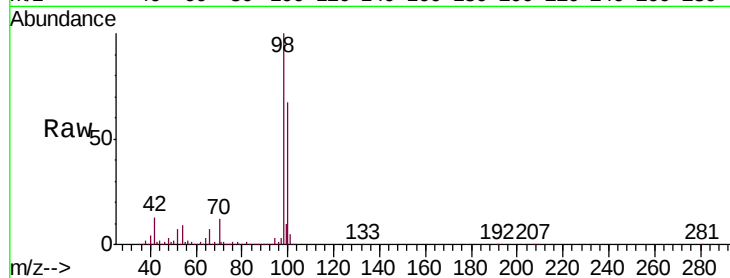
VW0204SBL01

Tgt Ion: 98 Resp: 710297

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.521 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008498.D

Acq: 04 Feb 2019 10:44

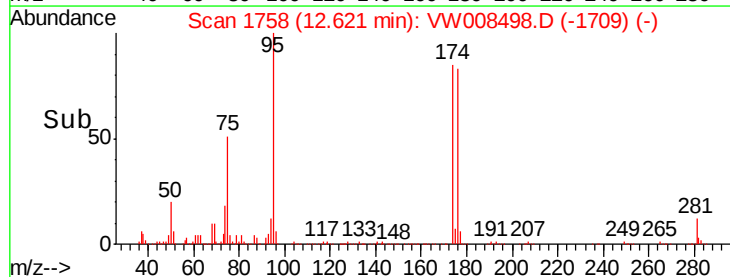
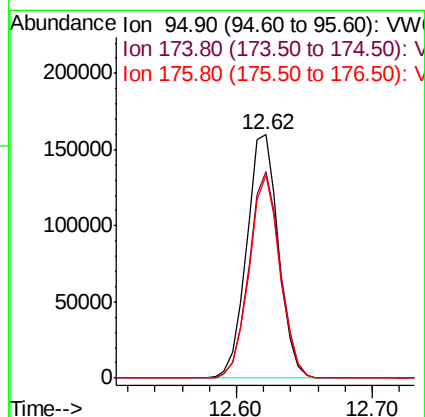
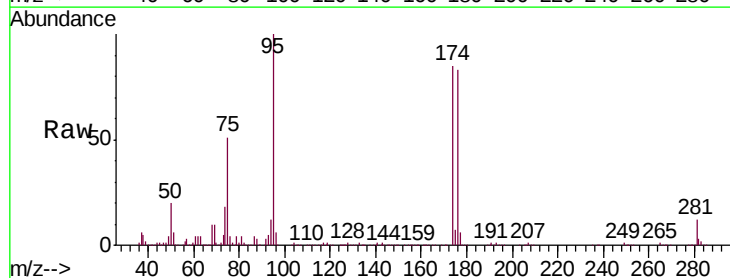
Tgt Ion: 95 Resp: 260936

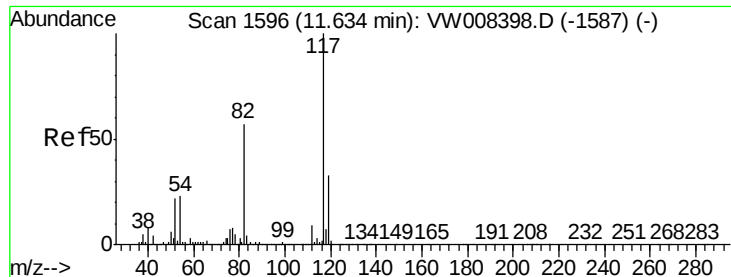
Ion Ratio Lower Upper

95 100

174 83.7 0.0 157.6

176 81.3 0.0 151.8

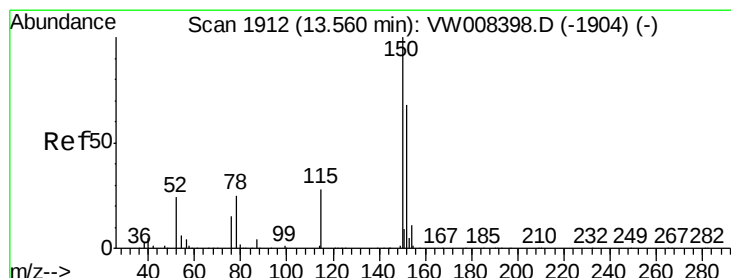
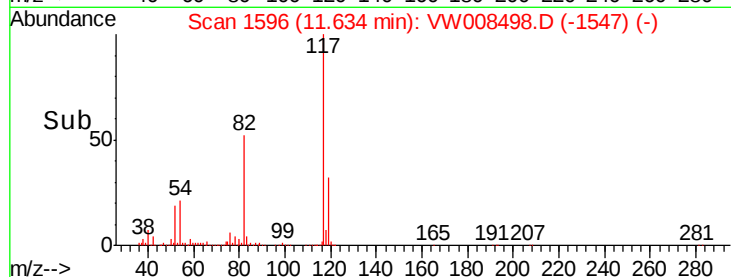
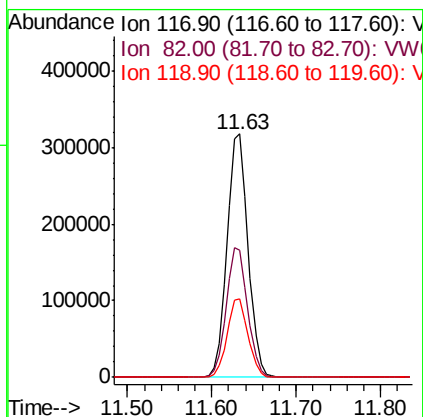
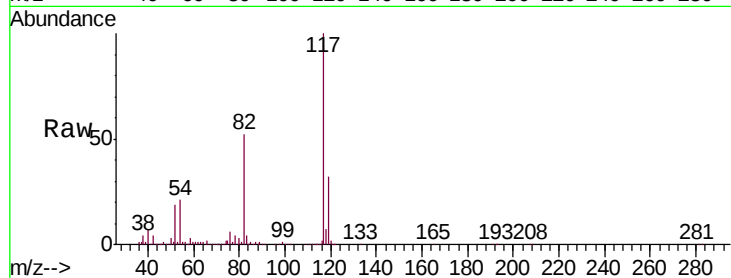




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008498.D
Acq: 04 Feb 2019 10:44

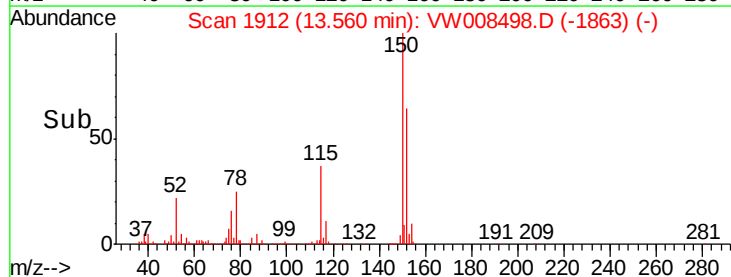
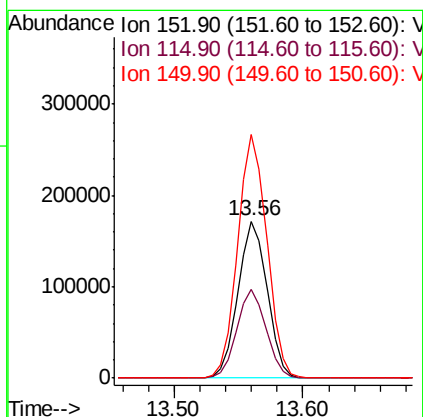
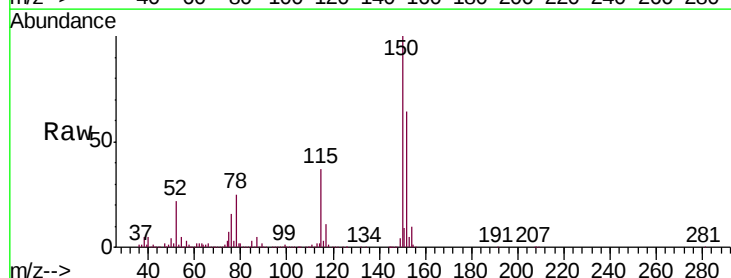
Instrument :
MSVOA_W
ClientSampleId :
VW0204SBL01

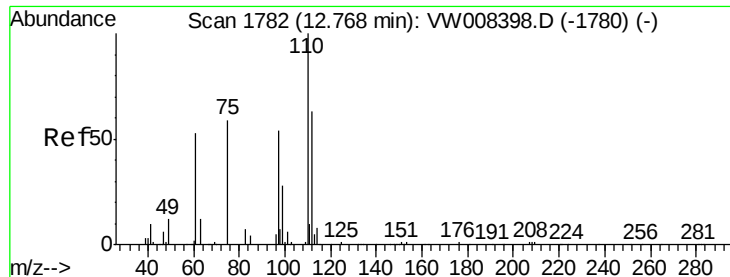
Tgt Ion:117 Resp: 541182
Ion Ratio Lower Upper
117 100
82 52.3 45.4 68.0
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008498.D
Acq: 04 Feb 2019 10:44

Tgt Ion:152 Resp: 269399
Ion Ratio Lower Upper
152 100
115 56.6 29.9 89.7
150 155.2 0.0 351.4

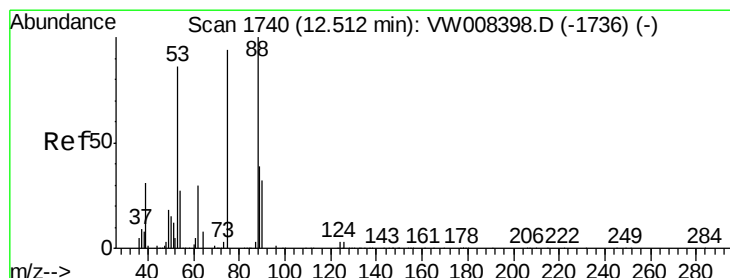
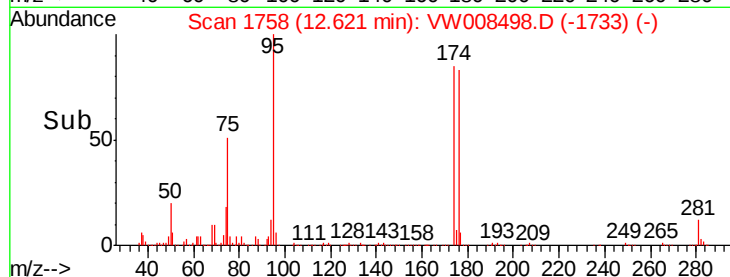
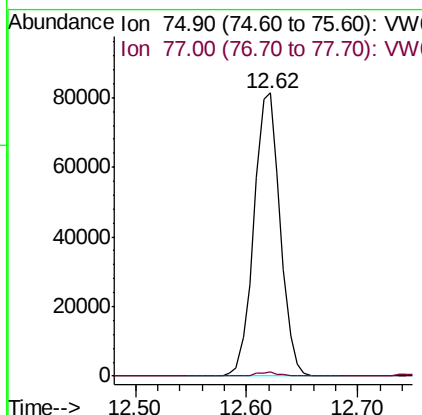
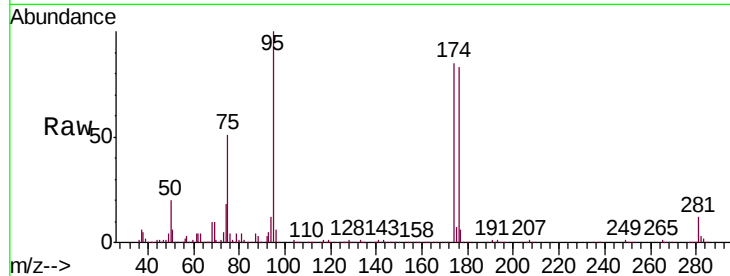




#76
 1,2,3-Trichloropropane
 Concen: 57.054 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008498.D
 Acq: 04 Feb 2019 10:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0204SBL01

Tgt Ion: 75 Resp: 133635
 Ion Ratio Lower Upper
 75 100
 77 1.5 180.7 542.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.687 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008498.D
 Acq: 04 Feb 2019 10:44

Tgt Ion: 75 Resp: 133635
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.0 114.0#
 89 0.0 35.4 53.0#

