

Data File : VW008456.D
Acq On : 30 Jan 2019 10:47
Operator : SY/VA
Sample : VW0130SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBL01

Quant Time: Jan 31 00:20:14 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	421523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	666978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	592475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	293467	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	205749	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.88	113	207261	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
50) Toluene-d8	10.32	98	787900	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.62	95	284988	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	

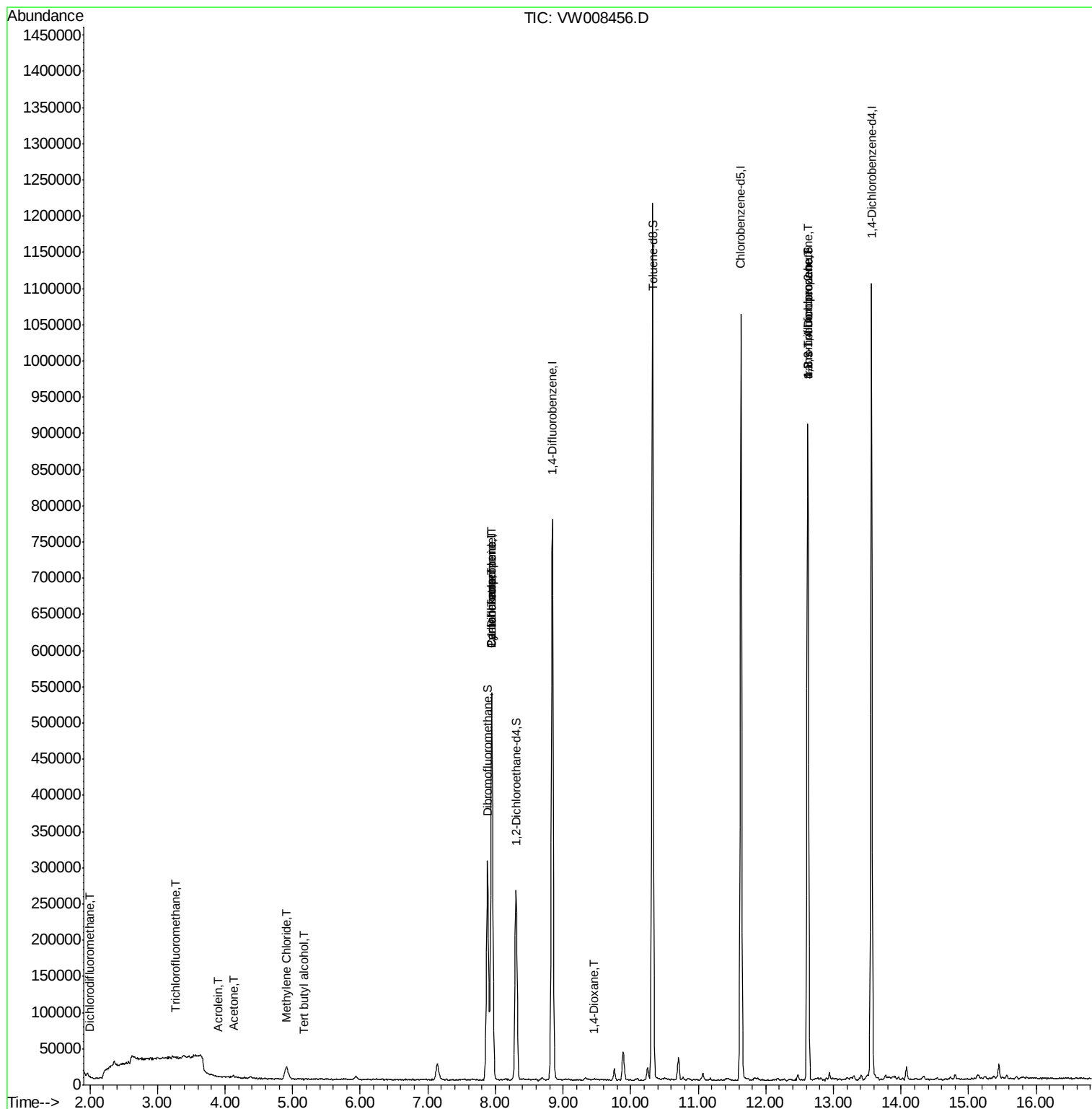
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.00	85	921	3.606	ug/l #	68
7) Trichlorofluoromethane	3.26	101	318	4.800	ug/l	89
11) Tert butyl alcohol	5.17	59	484	1.452	ug/l #	1
13) Acrolein	3.90	56	717	6.582	ug/l #	51
16) Acetone	4.12	43	6334	6.811	ug/l	96
20) Methylene Chloride	4.90	84	13491	3.148	ug/l	91
31) Cyclohexane	7.95	56	8645	1.064	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	29330	4.655	ug/l #	51
38) Carbon Tetrachloride	7.95	117	40052	6.317	ug/l #	16
49) 1,4-Dioxane	9.45	88	38	1.003	ug/l #	23
76) 1,2,3-Trichloropropane	12.62	75	144500	56.634	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	144500	111.856	ug/l #	12

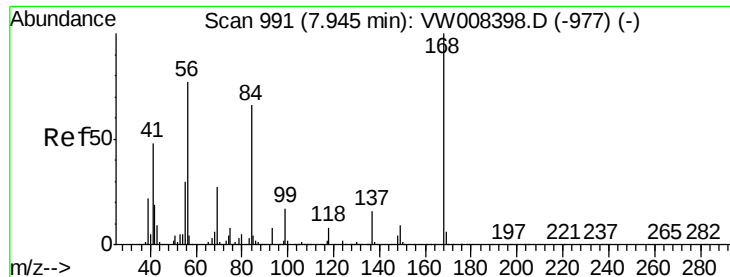
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008456.D
Acq On : 30 Jan 2019 10:47
Operator : SY/VA
Sample : VW0130SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBL01

Quant Time: Jan 31 00:20:14 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: VW008456.D

Acq: 30 Jan 2019 10:47

Instrument :

MSVOA_W

ClientSampleId :

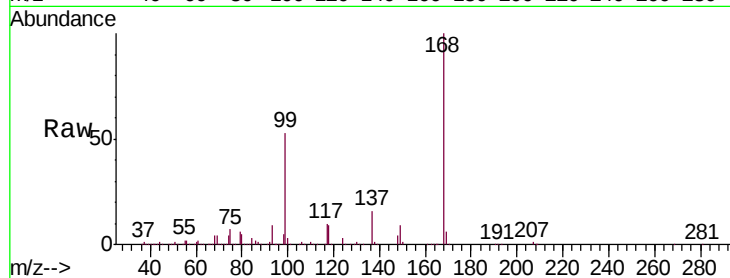
VW0130SBL01

Tgt Ion:168 Resp: 421523

Ion Ratio Lower Upper

168 100

99 53.5 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

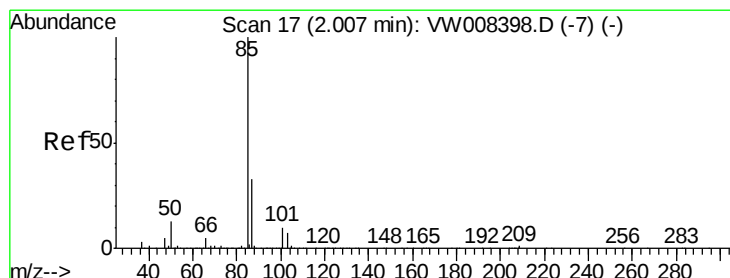
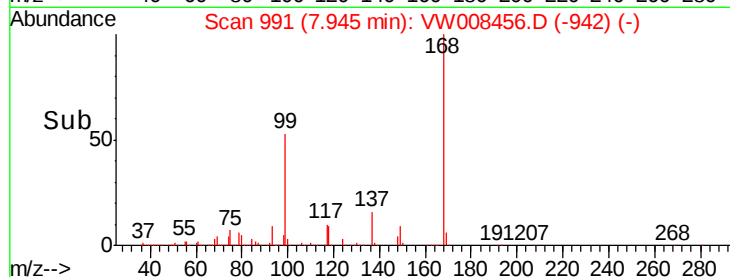
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 3.606 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008456.D

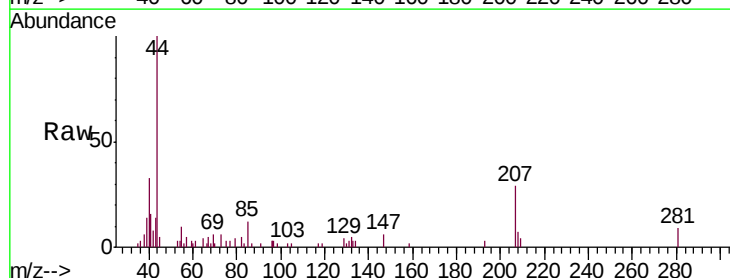
Acq: 30 Jan 2019 10:47

Tgt Ion: 85 Resp: 921

Ion Ratio Lower Upper

85 100

87 15.2 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

400

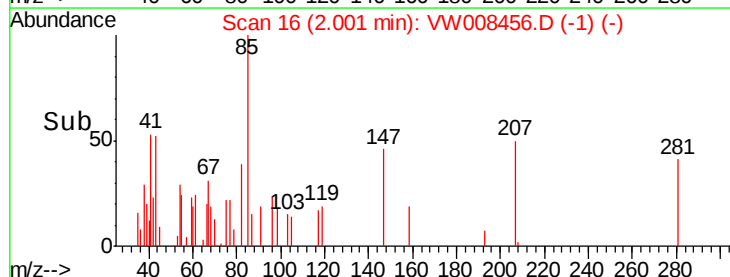
300

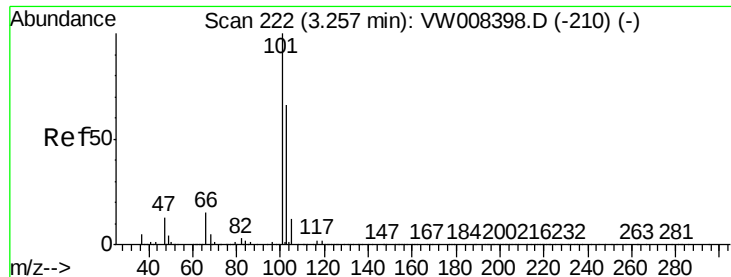
200

100

0

Time--> 1.95 2.00 2.05



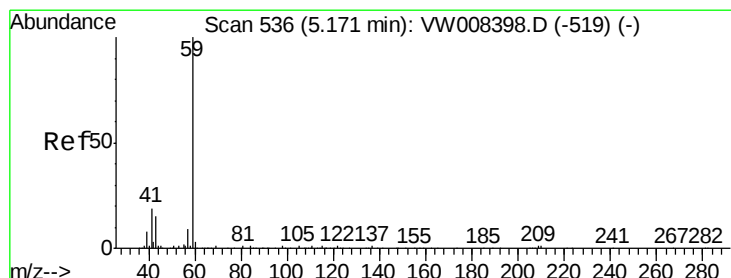
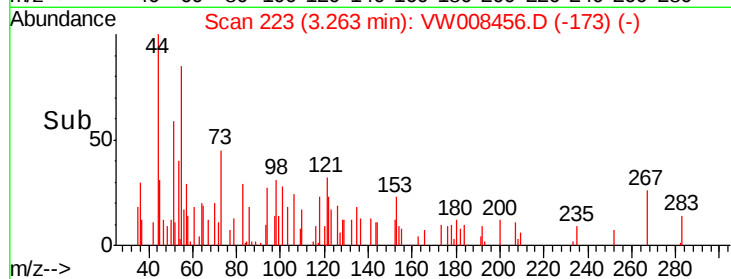
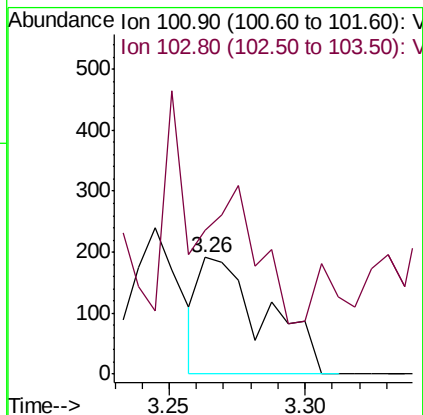
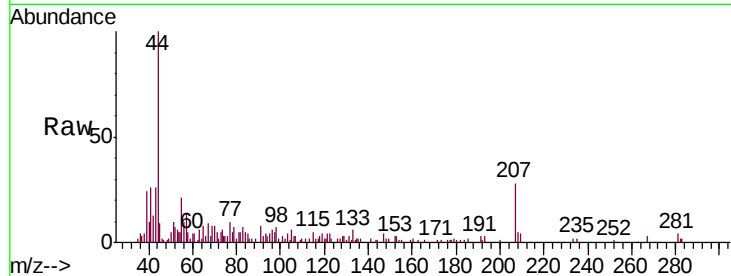


#7

Trichlorofluoromethane
 Concen: 4.800 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW008456.D
 Acq: 30 Jan 2019 10:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBL01

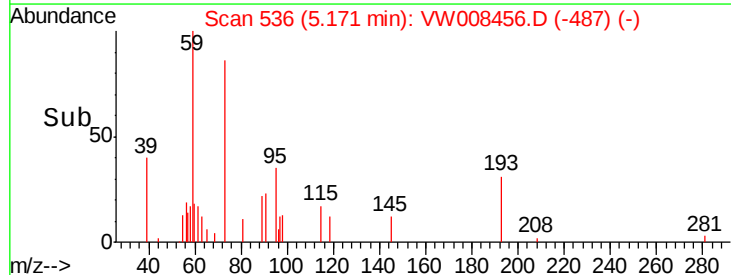
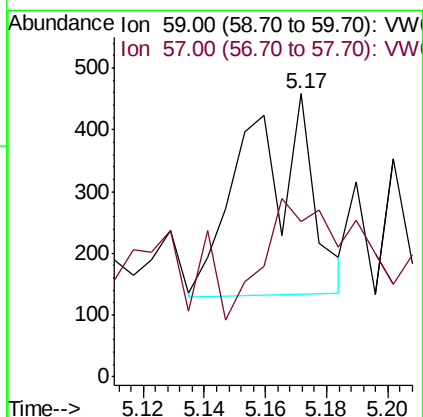
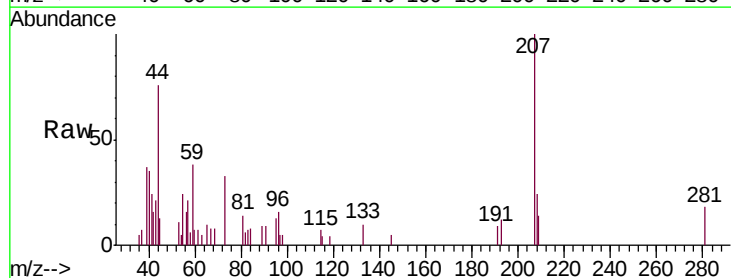
Tgt Ion: 101 Resp: 318
 Ion Ratio Lower Upper
 101 100
 103 57.1 52.5 78.7

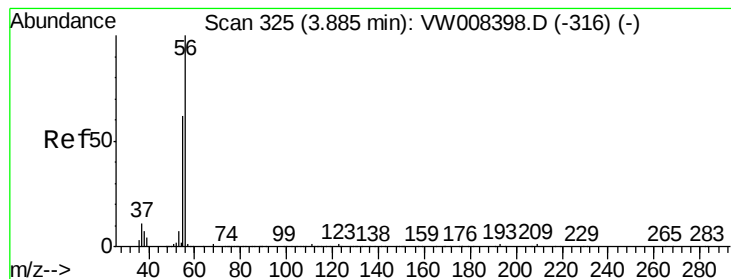


#11

Tert butyl alcohol
 Concen: 1.452 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW008456.D
 Acq: 30 Jan 2019 10:47

Tgt Ion: 59 Resp: 484
 Ion Ratio Lower Upper
 59 100
 57 86.2 9.3 13.9#





#13

Acrolein

Concen: 6.582 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.02 min

Lab File: VW008456.D

Acq: 30 Jan 2019 10:47

Instrument :

MSVOA_W

ClientSampleId :

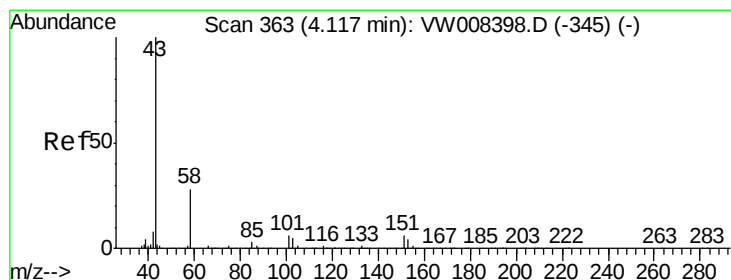
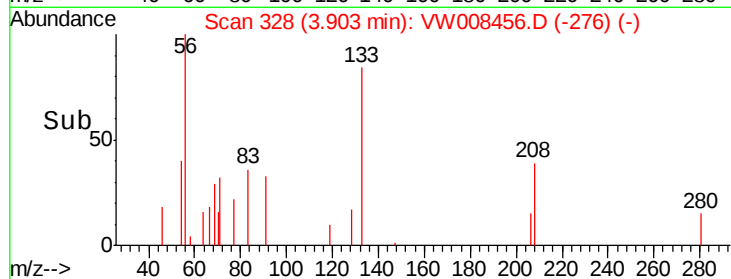
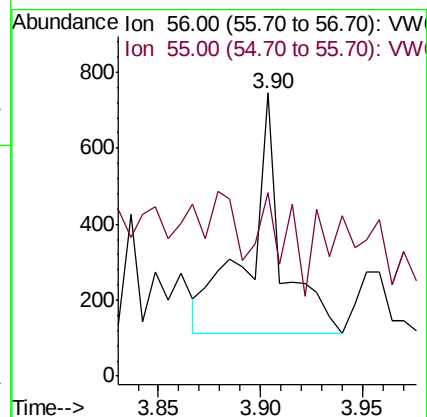
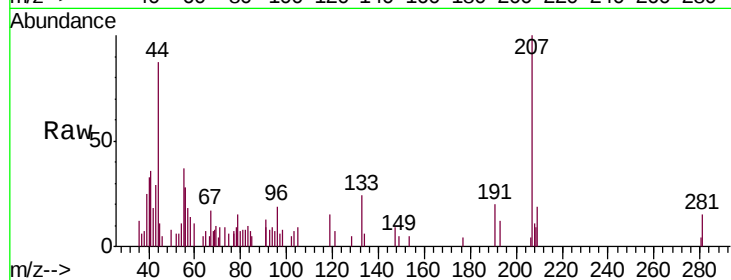
VW0130SBL01

Tgt Ion: 56 Resp: 717

Ion Ratio Lower Upper

56 100

55 30.4 56.7 85.1#



#16

Acetone

Concen: 6.811 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008456.D

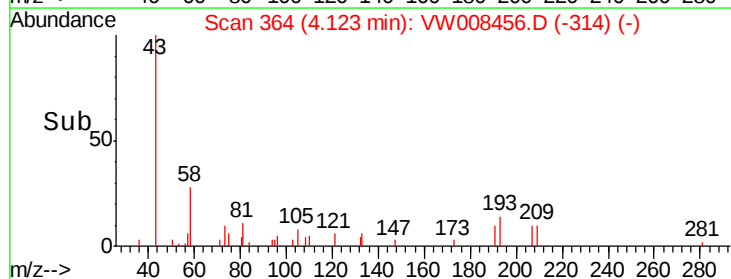
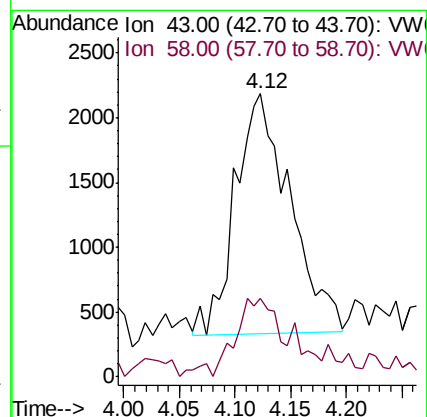
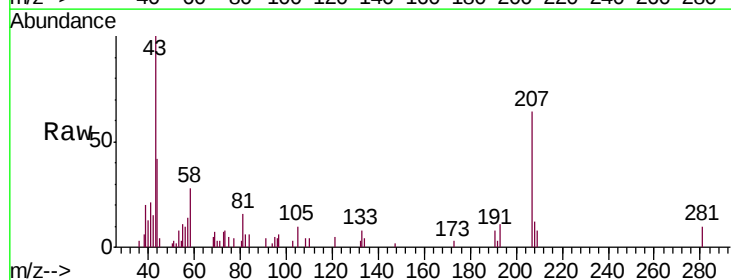
Acq: 30 Jan 2019 10:47

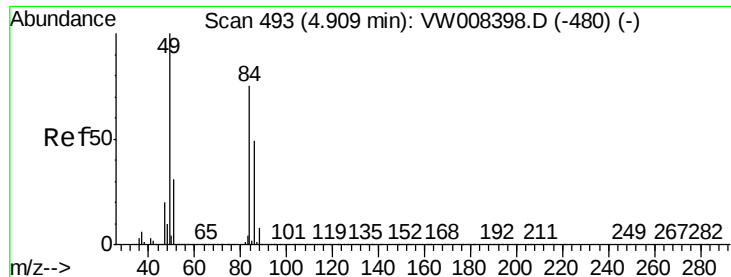
Tgt Ion: 43 Resp: 6334

Ion Ratio Lower Upper

43 100

58 30.2 22.6 34.0

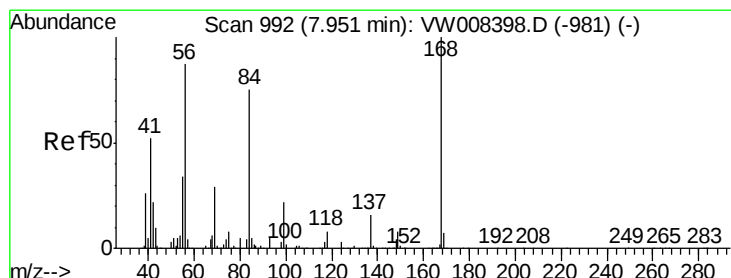
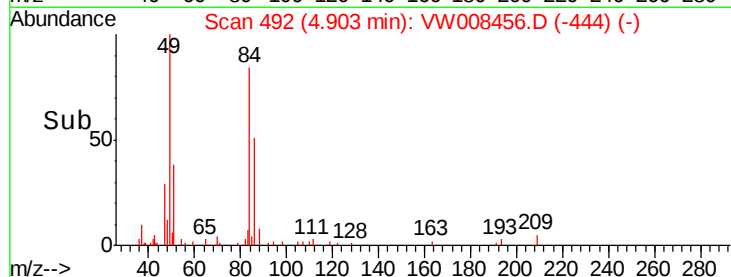
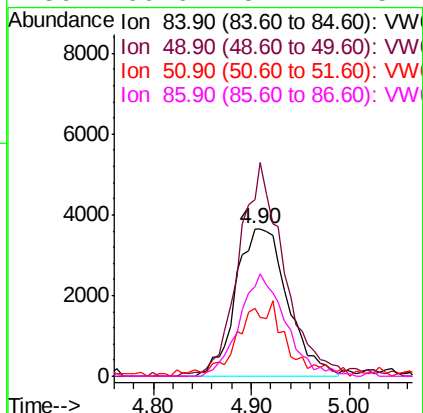
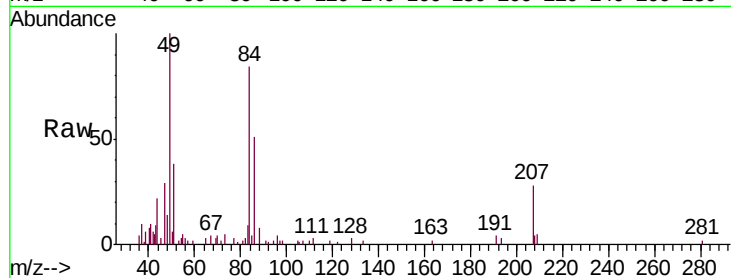




#20
Methylene Chloride
Concen: 3.148 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008456.D
Acq: 30 Jan 2019 10:47

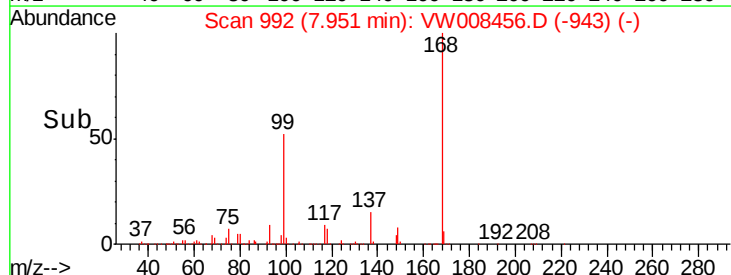
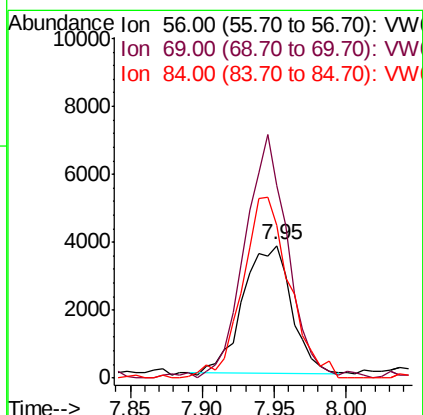
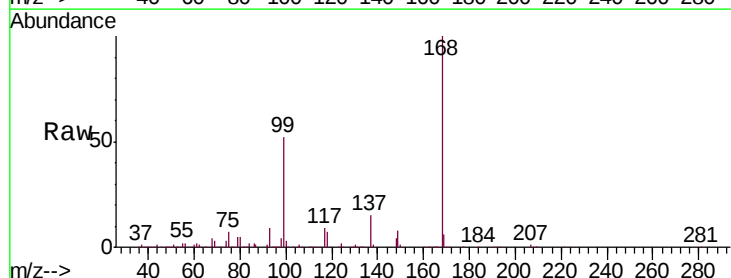
Instrument :
MSVOA_W
ClientSampleId :
VW0130SBL01

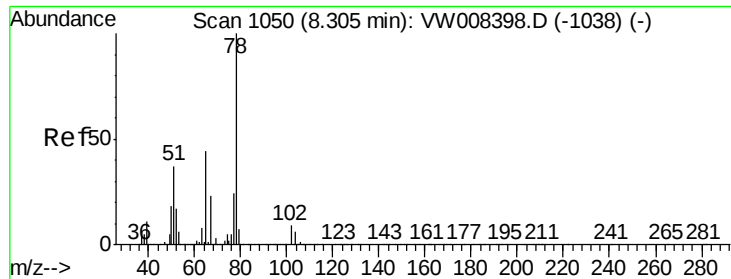
Tgt Ion:	84	Resp:	13491
Ion	Ratio	Lower	Upper
84	100		
49	117.9	106.8	160.2
51	42.9	32.9	49.3
86	60.6	52.2	78.2



#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008456.D
Acq: 30 Jan 2019 10:47

Tgt Ion:	56	Resp:	8645
Ion	Ratio	Lower	Upper
56	100		
69	149.0	26.4	39.6#
84	120.2	69.1	103.7#





#33

1,2-Dichloroethane-d4

Concen: 49.685 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008456.D

Acq: 30 Jan 2019 10:47

Instrument :

MSVOA_W

ClientSampleId :

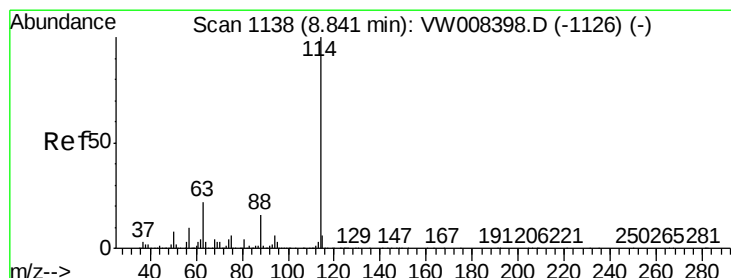
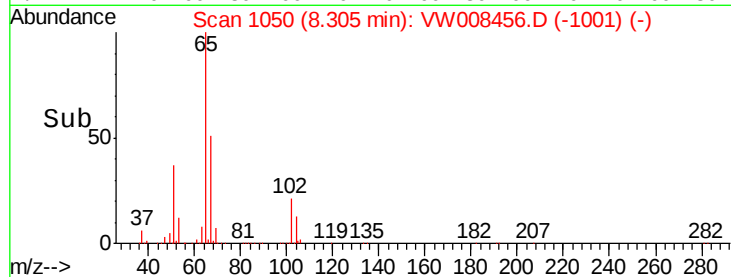
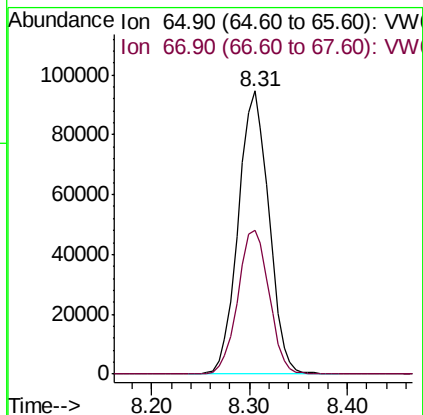
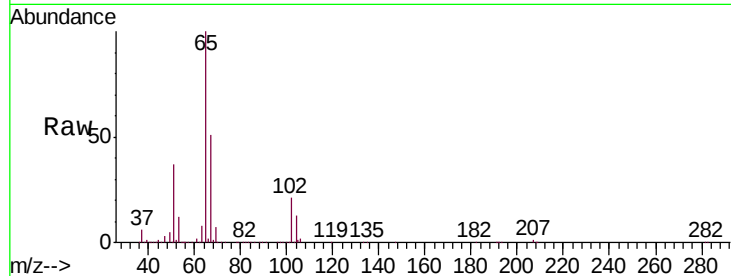
VW0130SBL01

Tgt Ion: 65 Resp: 205749

Ion Ratio Lower Upper

65 100

67 51.7 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: VW008456.D

Acq: 30 Jan 2019 10:47

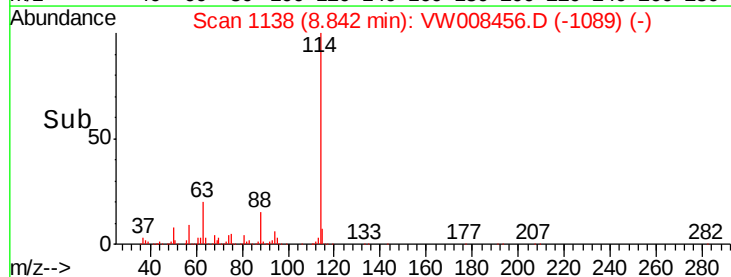
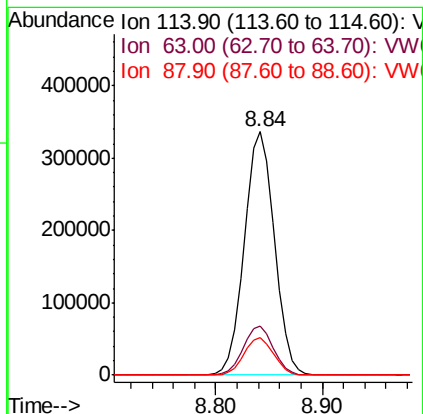
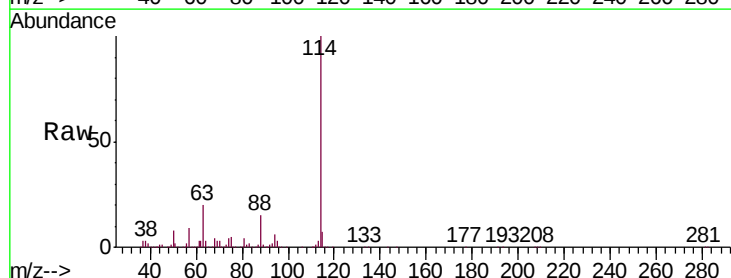
Tgt Ion: 114 Resp: 666978

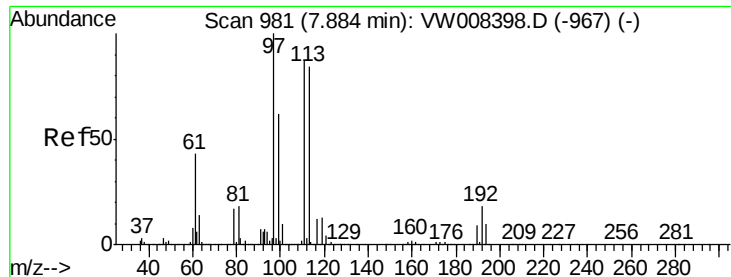
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.6

88 15.5 0.0 31.8

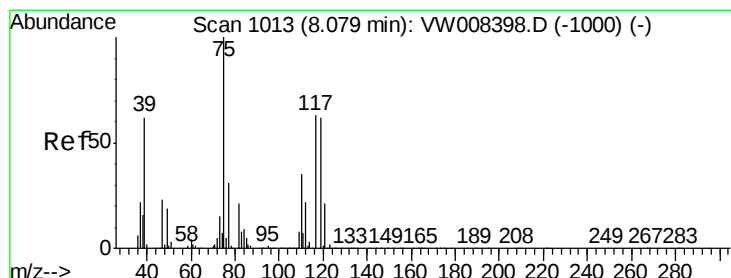
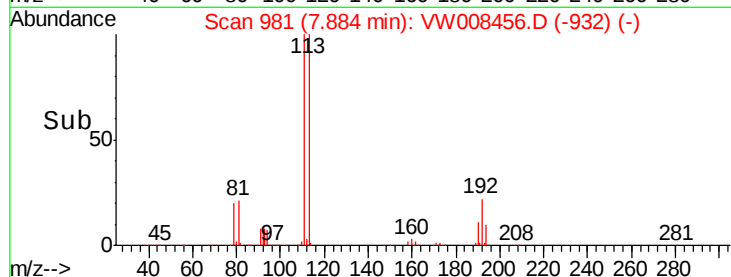
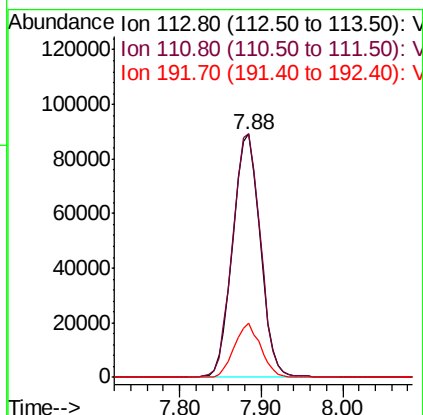
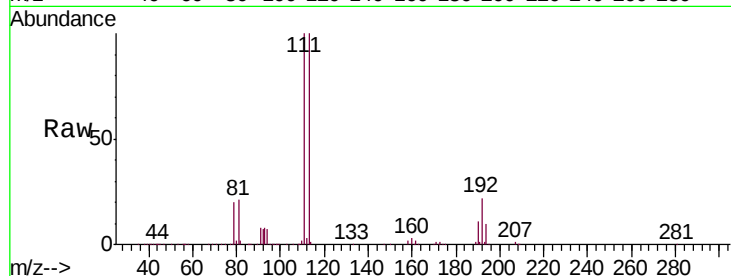




#35
 Dibromofluoromethane
 Concen: 53.143 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008456.D
 Acq: 30 Jan 2019 10:47

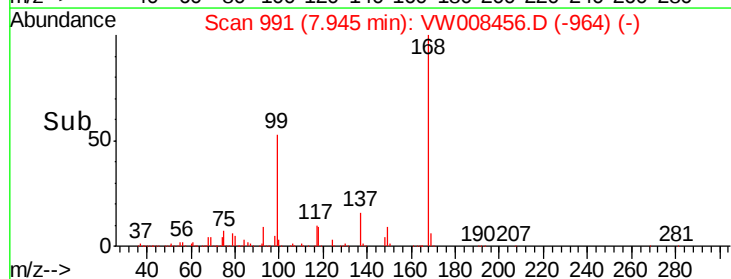
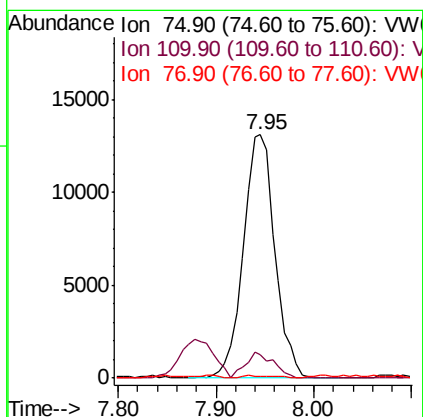
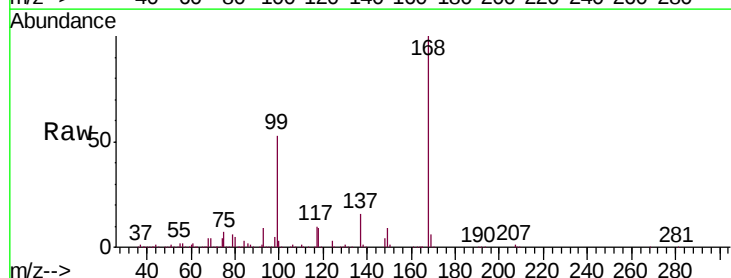
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBL01

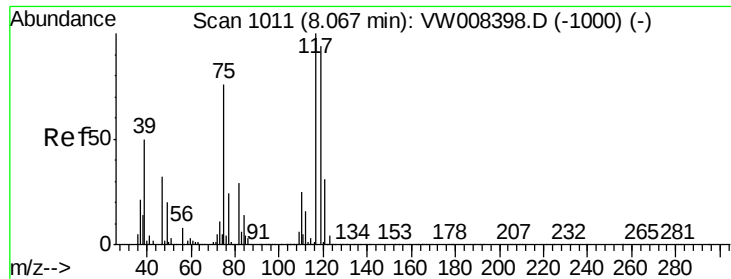
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.0	121.4
192	21.3	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 4.655 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008456.D
 Acq: 30 Jan 2019 10:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.3	52.0#
77	1.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.317 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008456.D

Acq: 30 Jan 2019 10:47

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBL01

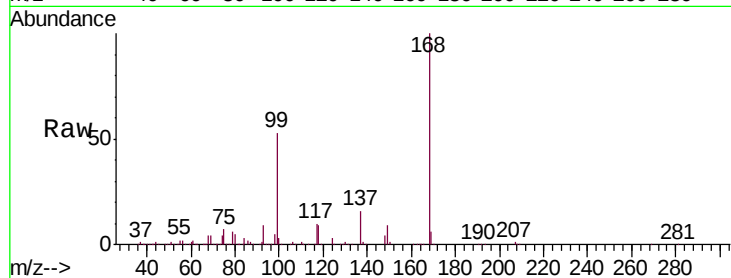
Tgt Ion: 117 Resp: 40052

Ion Ratio Lower Upper

117 100

119 4.2 75.0 112.4#

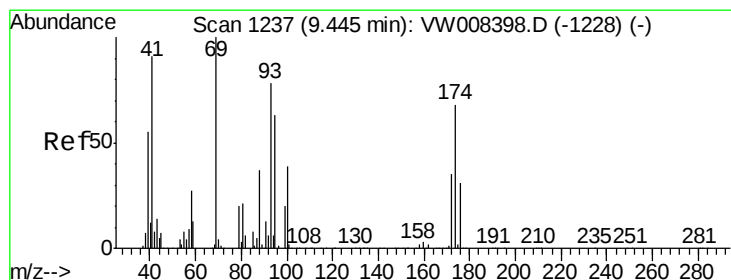
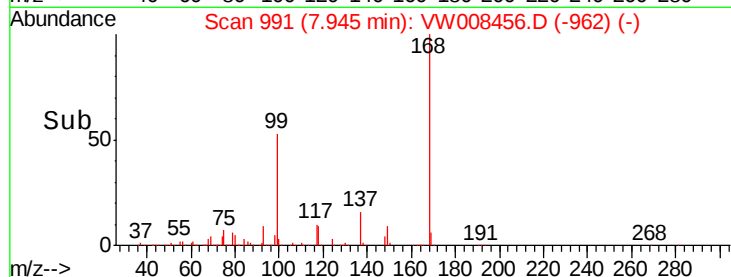
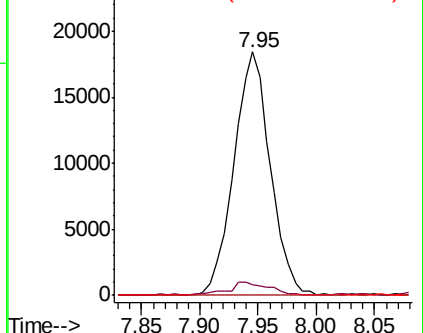
121 0.0 24.9 37.3#



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



#49

1,4-Dioxane

Concen: 1.003 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW008456.D

Acq: 30 Jan 2019 10:47

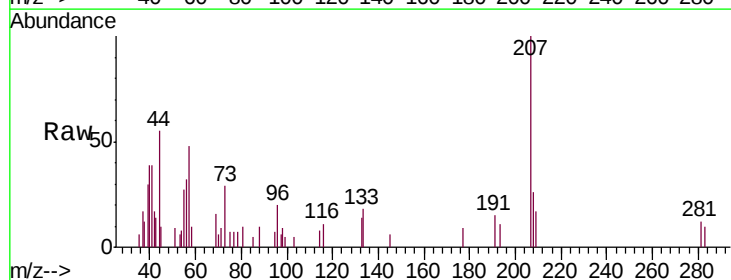
Tgt Ion: 88 Resp: 38

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

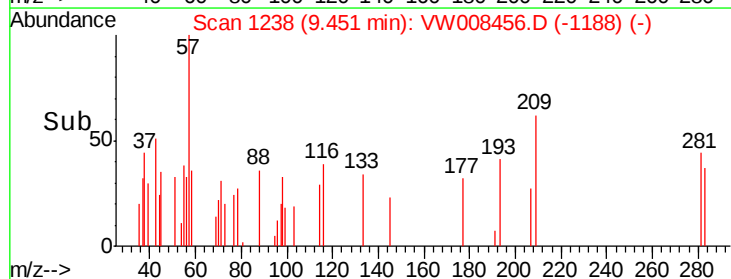
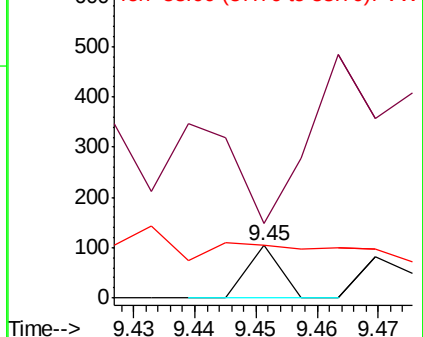
58 0.0 56.4 84.6#

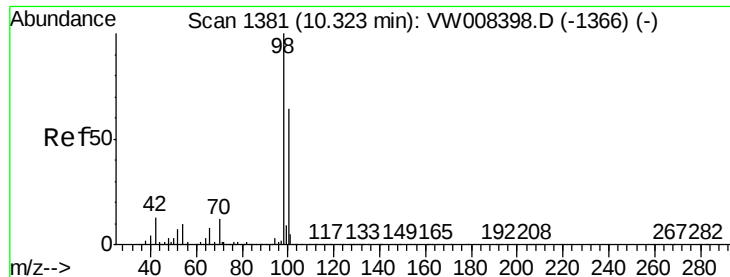


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 50.379 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008456.D

Acq: 30 Jan 2019 10:47

Instrument :

MSVOA_W

ClientSampleId :

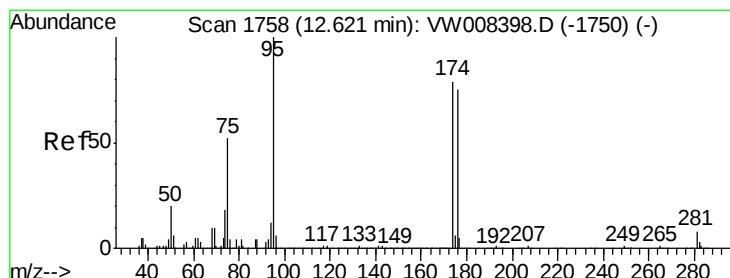
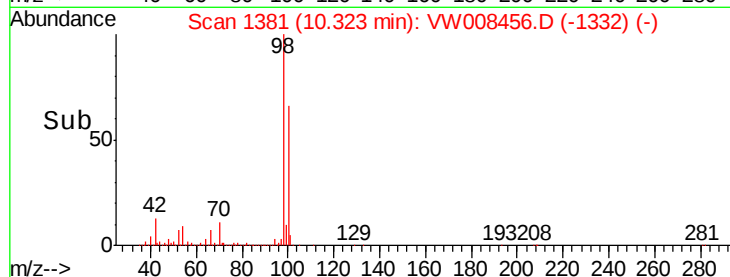
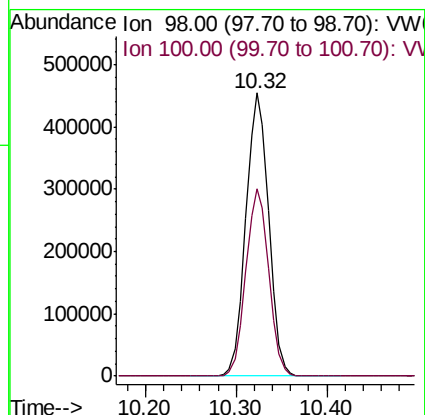
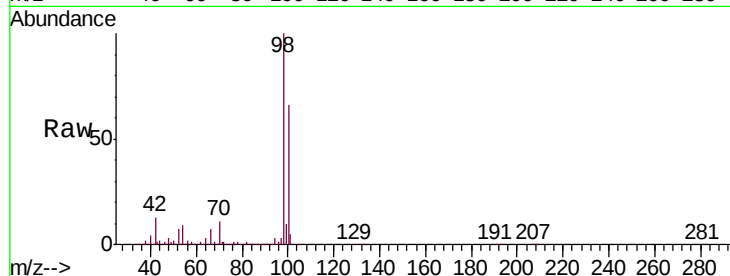
VW0130SBL01

Tgt Ion: 98 Resp: 787900

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 47.407 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008456.D

Acq: 30 Jan 2019 10:47

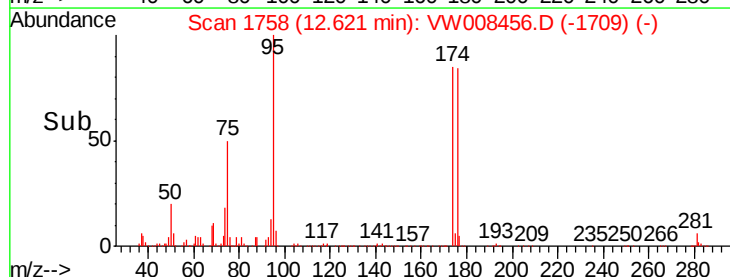
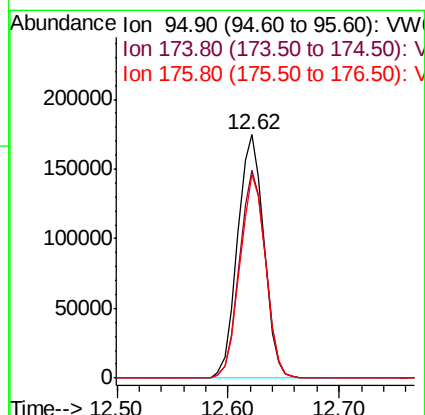
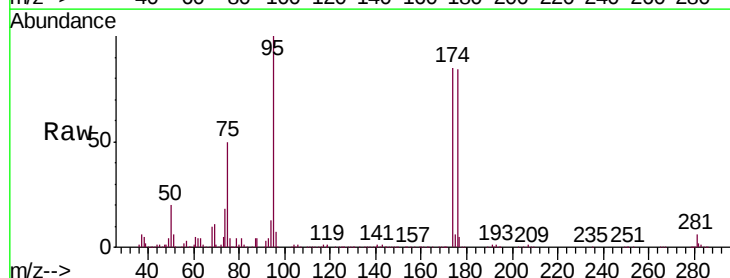
Tgt Ion: 95 Resp: 284988

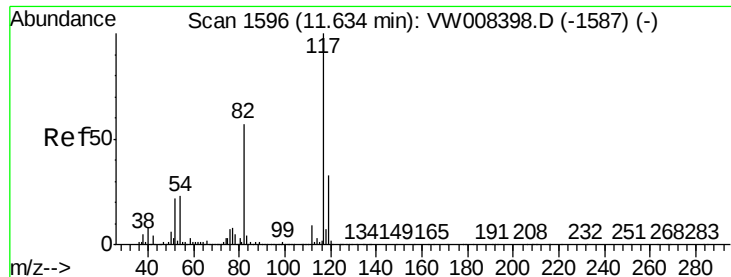
Ion Ratio Lower Upper

95 100

174 84.4 0.0 157.6

176 82.0 0.0 151.8

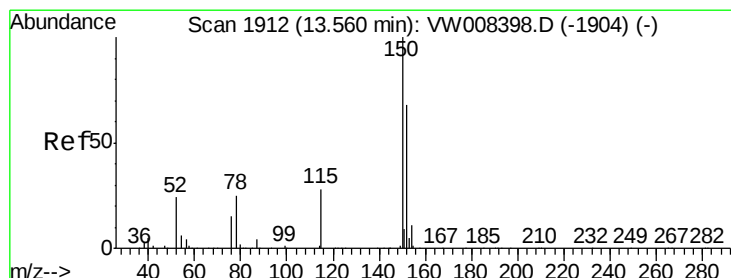
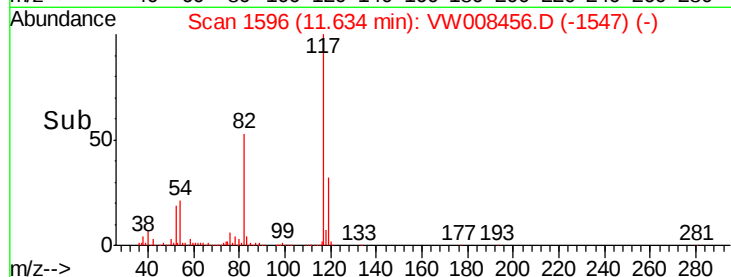
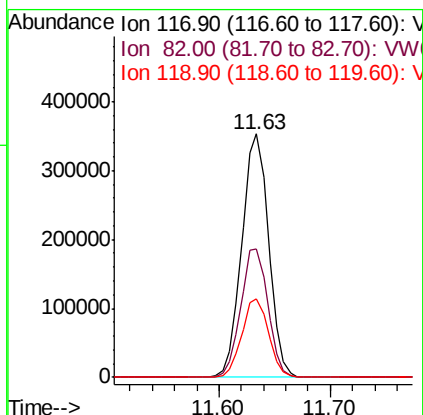
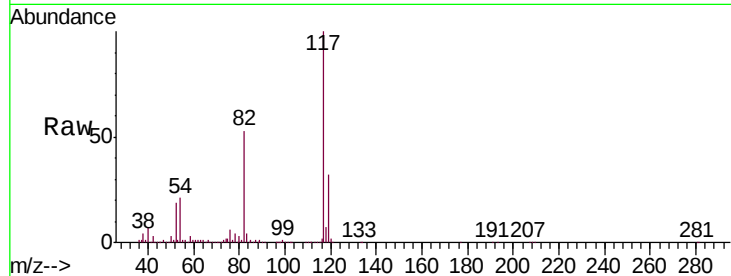




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008456.D
Acq: 30 Jan 2019 10:47

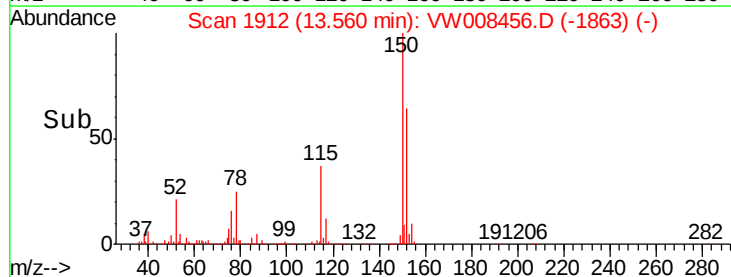
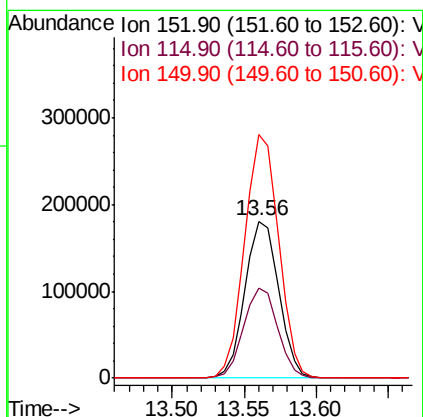
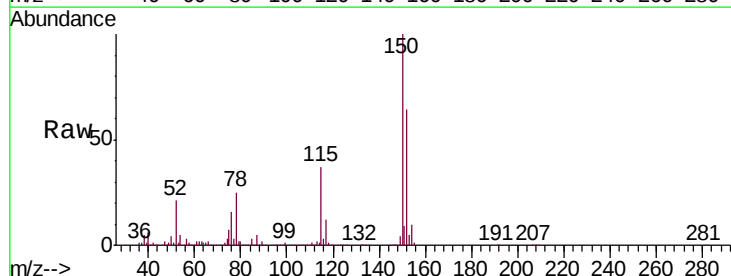
Instrument :
MSVOA_W
ClientSampleId :
VW0130SBL01

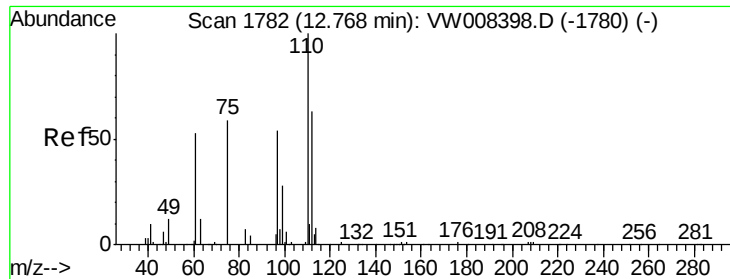
Tgt Ion:117 Resp: 592475
Ion Ratio Lower Upper
117 100
82 52.6 45.4 68.0
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008456.D
Acq: 30 Jan 2019 10:47

Tgt Ion:152 Resp: 293467
Ion Ratio Lower Upper
152 100
115 57.8 29.9 89.7
150 156.4 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 56.634 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008456.D

Acq: 30 Jan 2019 10:47

Instrument :

MSVOA_W

ClientSampleId :

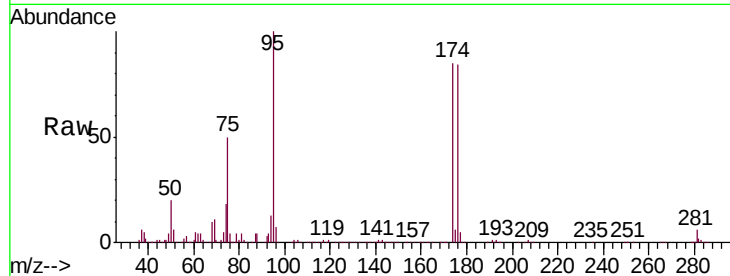
VW0130SBL01

Tgt Ion: 75 Resp: 144500

Ion Ratio Lower Upper

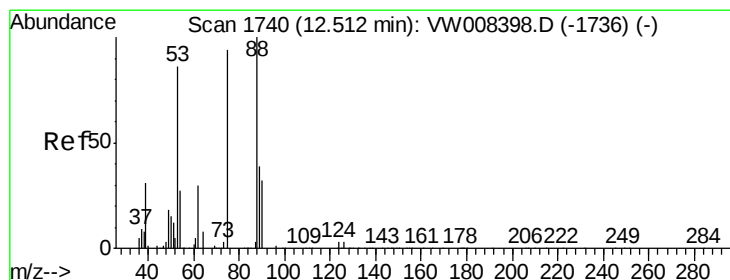
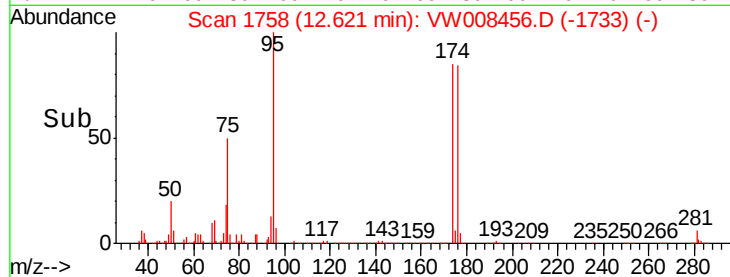
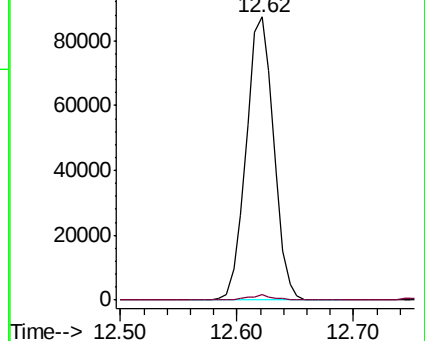
75 100

77 1.8 180.7 542.1#



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: 111.856 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008456.D

Acq: 30 Jan 2019 10:47

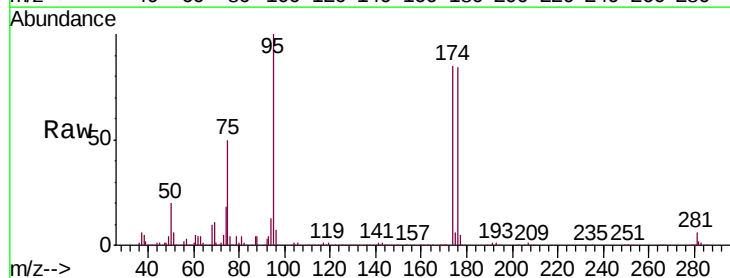
Tgt Ion: 75 Resp: 144500

Ion Ratio Lower Upper

75 100

53 0.1 76.0 114.0#

89 0.0 35.4 53.0#



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

