

Data File : VW009256.D
Acq On : 20 Mar 2019 00:11
Operator : SY/VA
Sample : VW0319SBL02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBL02

Quant Time: Mar 20 08:15:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 07:22:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	438216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	407528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193158	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	171637	59.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.34%	
35) Dibromofluoromethane	7.88	113	149813	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
50) Toluene-d8	10.32	98	550012	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
62) 4-Bromofluorobenzene	12.62	95	183304	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

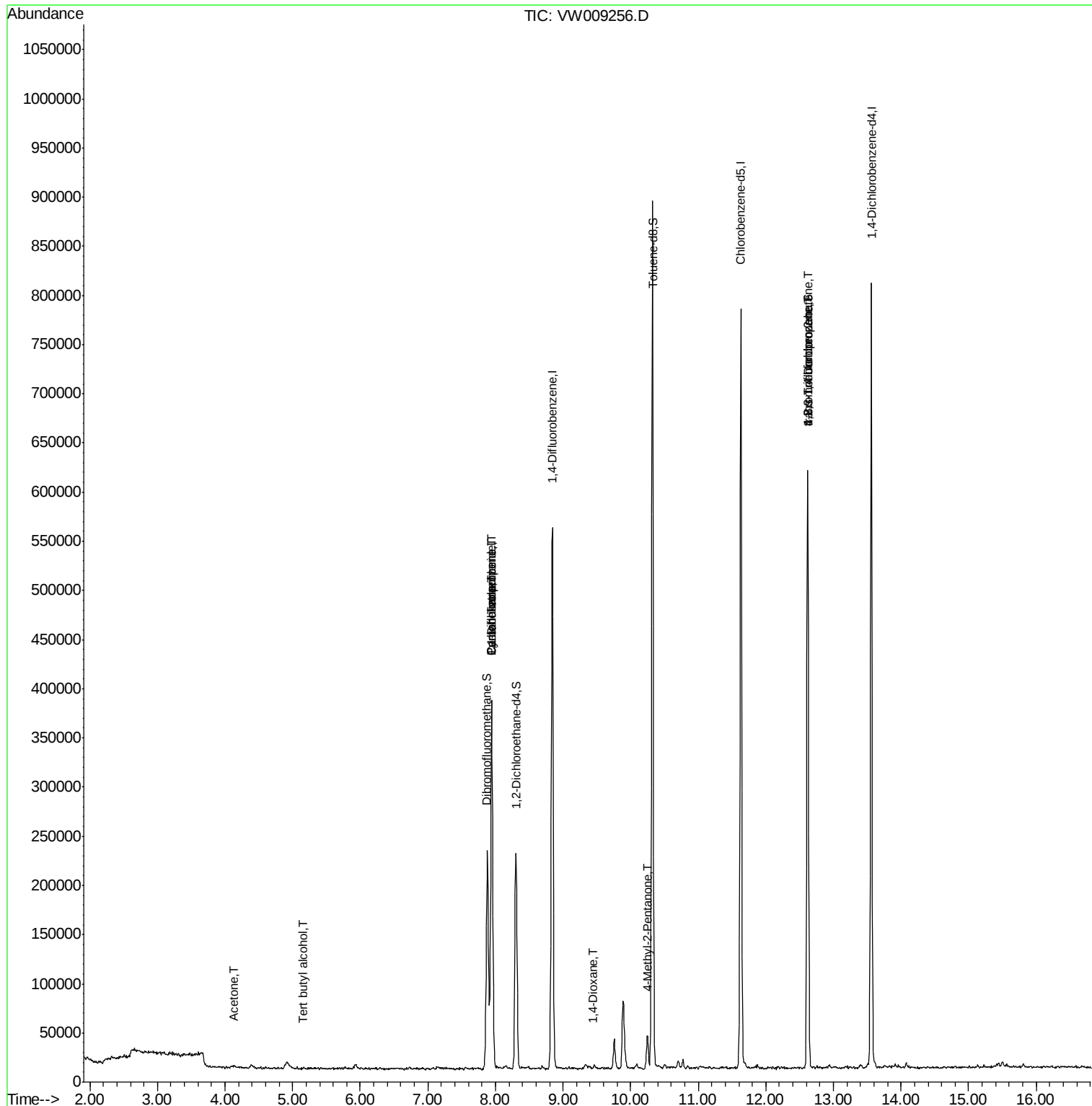
						Qvalue
2) Dichlorodifluoromethane	2.00	85	313	Below Cal	#	41
11) Tert butyl alcohol	5.15	59	330	1.976	ug/l #	84
16) Acetone	4.12	43	4541	7.695	ug/l #	83
20) Methylene Chloride	4.93	84	5771	Below Cal		89
31) Cyclohexane	7.95	56	6931	1.469	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	21825	5.005	ug/l #	50
38) Carbon Tetrachloride	7.95	117	27025	5.856	ug/l #	18
49) 1,4-Dioxane	9.43	88	47	1.833	ug/l #	22
51) 4-Methyl-2-Pentanone	10.24	43	4653	2.241	ug/l #	80
76) 1,2,3-Trichloropropane	12.62	75	99485	54.808	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	99485	134.483	ug/l #	7

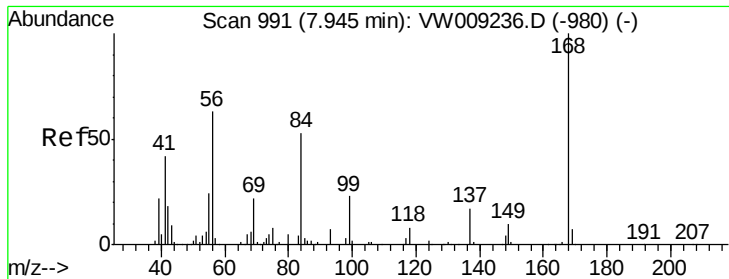
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW009256.D

Acq: 20 Mar 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

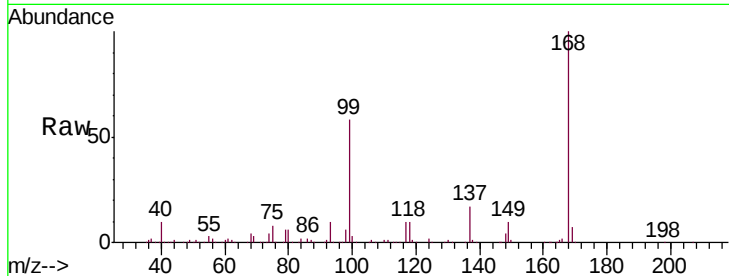
VW0319SBL02

Tgt Ion:168 Resp: 270415

Ion Ratio Lower Upper

168 100

99 58.1 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

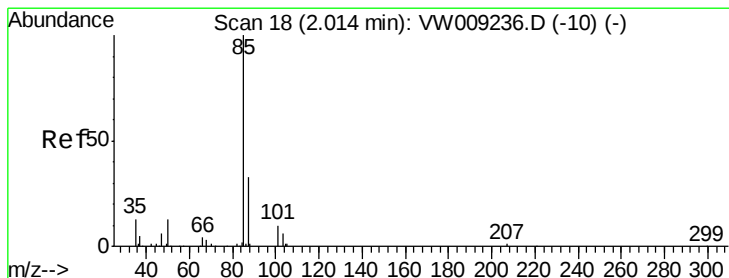
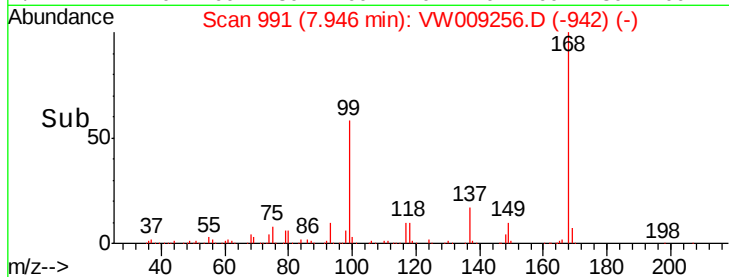
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW009256.D

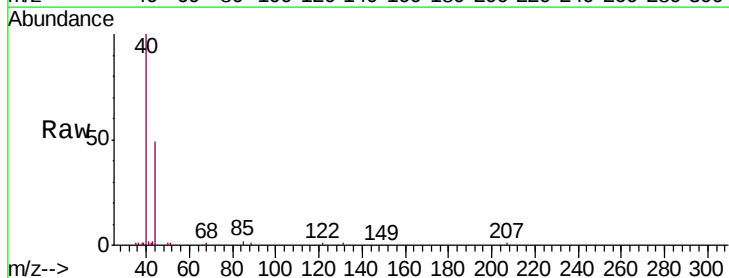
Acq: 20 Mar 2019 00:11

Tgt Ion: 85 Resp: 313

Ion Ratio Lower Upper

85 100

87 0.0 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

300

250

200

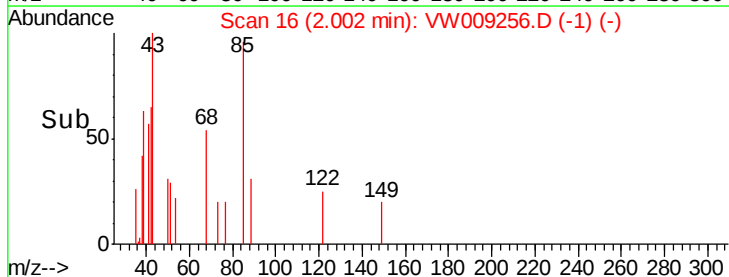
150

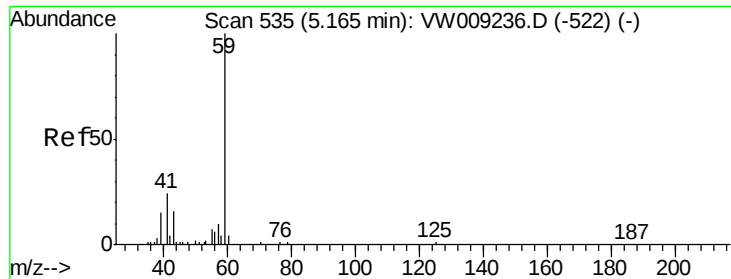
100

50

0

Time-->



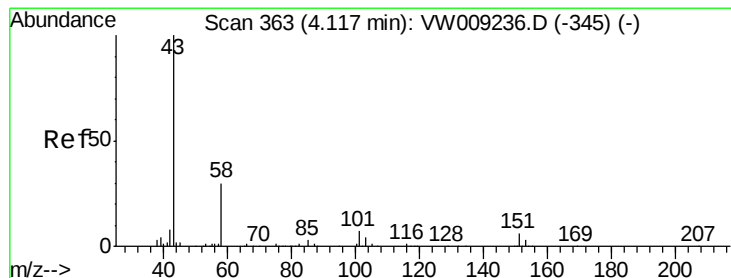
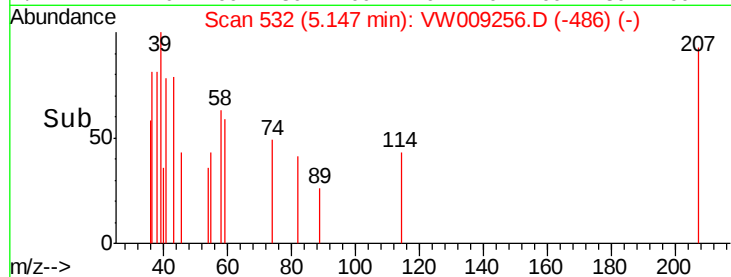
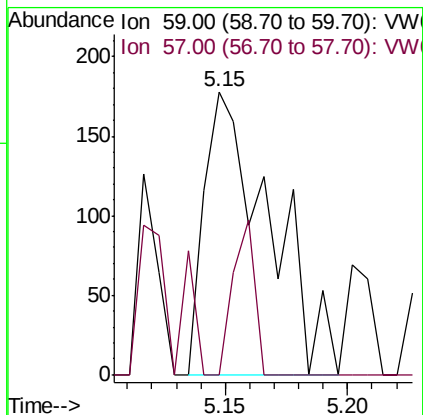
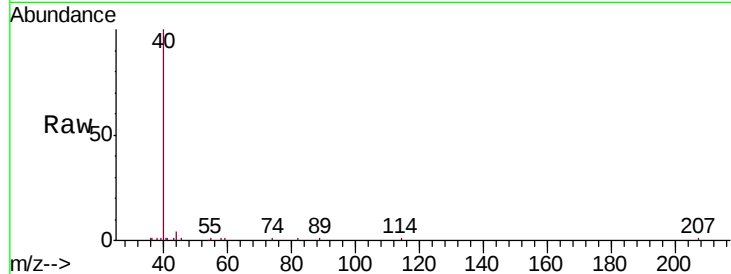


#11

Tert butyl alcohol
 Concen: 1.976 ug/l
 RT: 5.15 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VW009256.D
 Acq: 20 Mar 2019 00:11

Instrument :
 MSVOA_W
 ClientSampled :
 VW0319SBL02

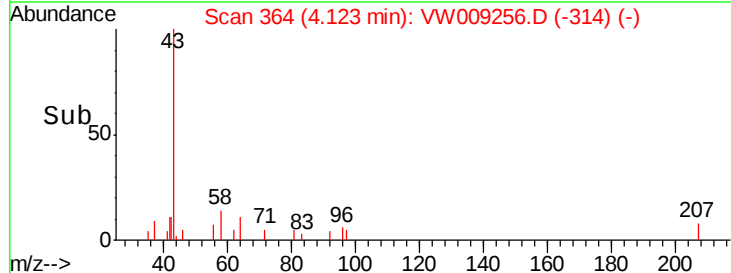
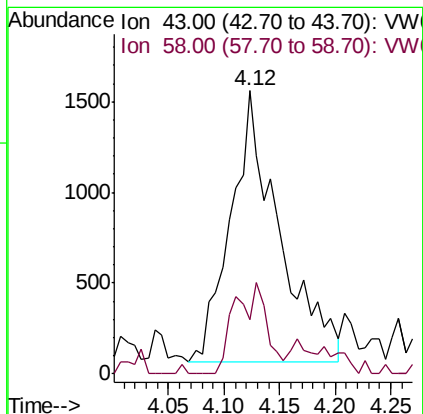
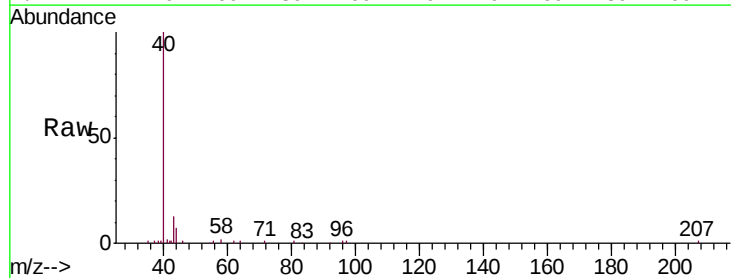
Tgt Ion: 59 Resp: 330
 Ion Ratio Lower Upper
 59 100
 57 17.9 9.4 14.0#

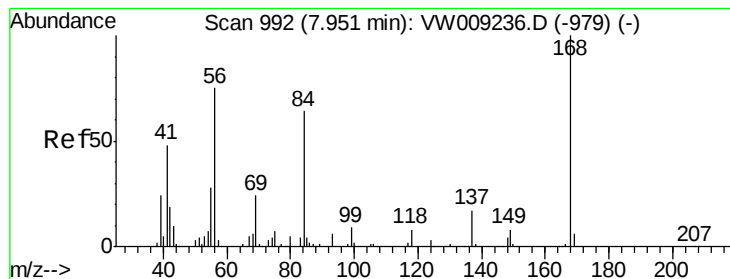


#16

Acetone
 Concen: 7.695 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW009256.D
 Acq: 20 Mar 2019 00:11

Tgt Ion: 43 Resp: 4541
 Ion Ratio Lower Upper
 43 100
 58 20.2 23.6 35.4#





#31

Cyclohexane

Concen: 1.469 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009256.D

Acq: 20 Mar 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBL02

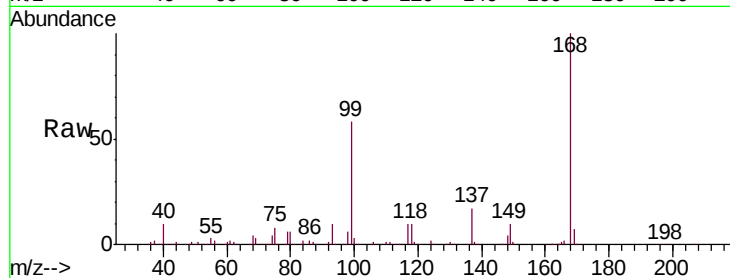
Tgt Ion: 56 Resp: 6931

Ion Ratio Lower Upper

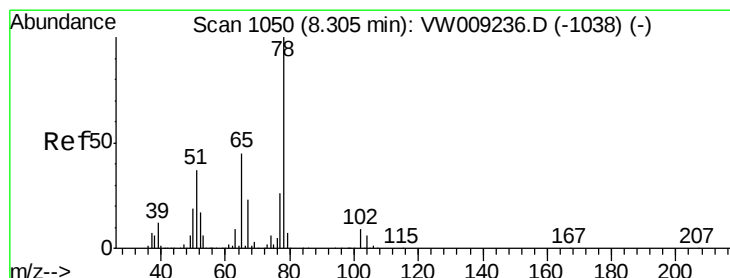
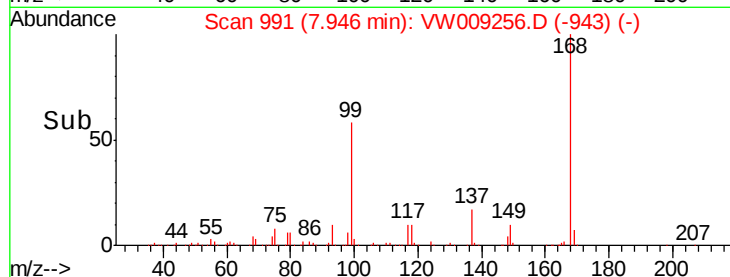
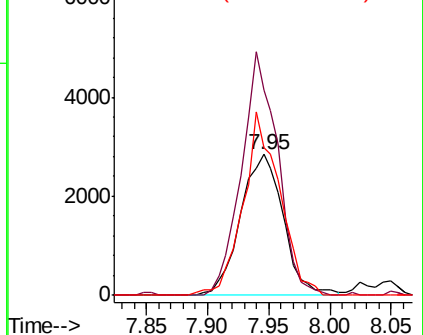
56 100

69 145.6 26.1 39.1#

84 104.6 68.6 103.0#



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: 59.672 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009256.D

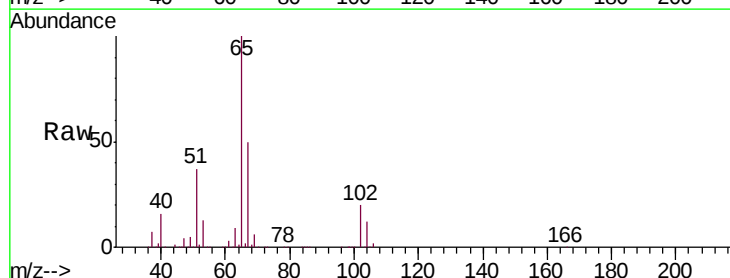
Acq: 20 Mar 2019 00:11

Tgt Ion: 65 Resp: 171637

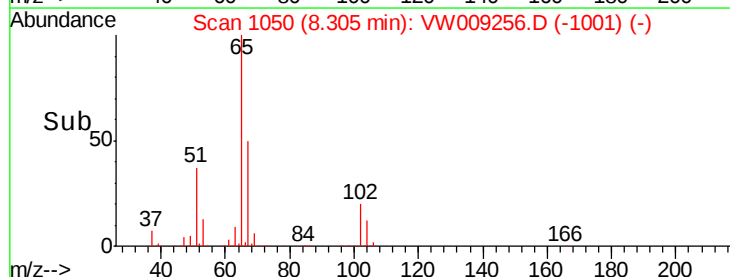
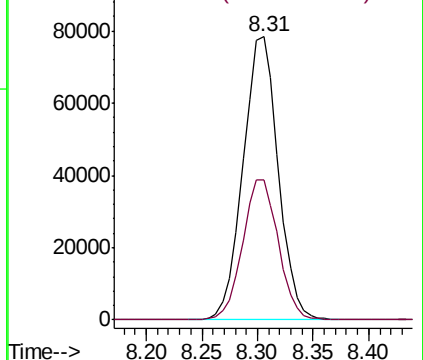
Ion Ratio Lower Upper

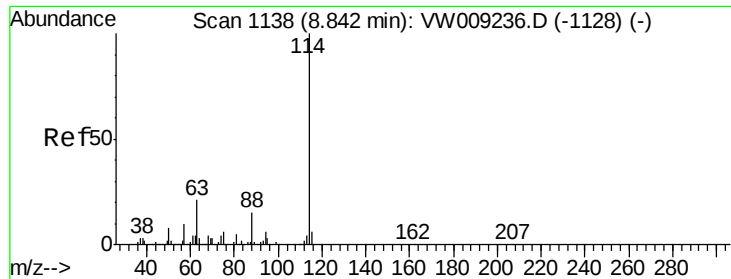
65 100

67 50.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

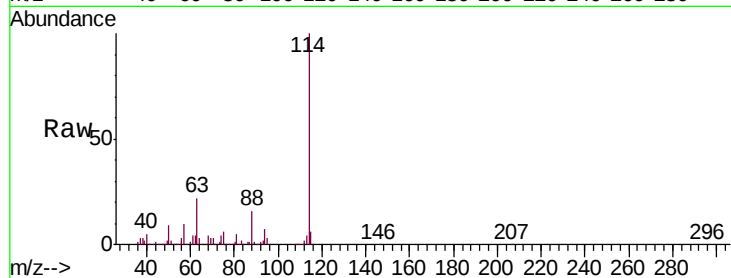




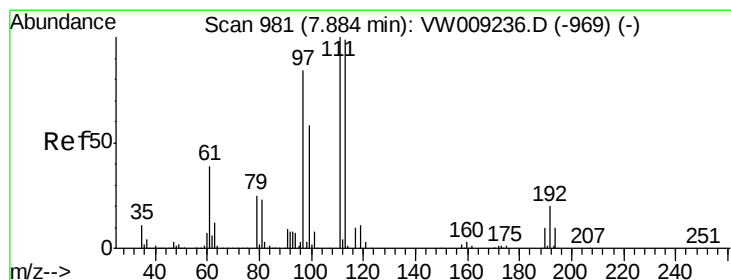
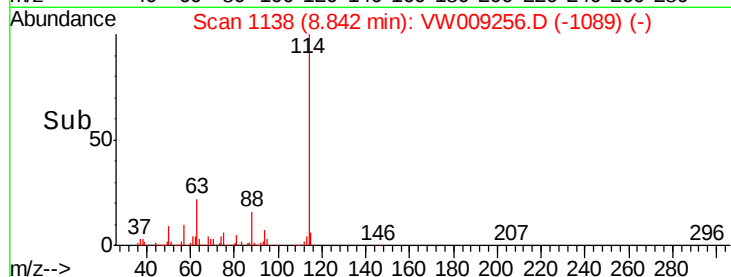
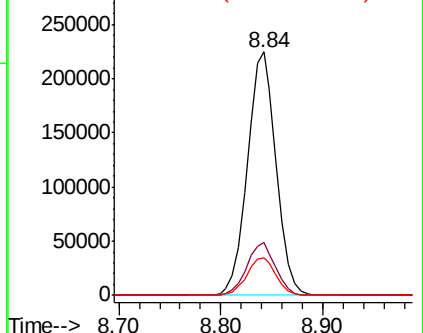
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009256.D
 Acq: 20 Mar 2019 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBL02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.2
88	15.7	0.0	30.8

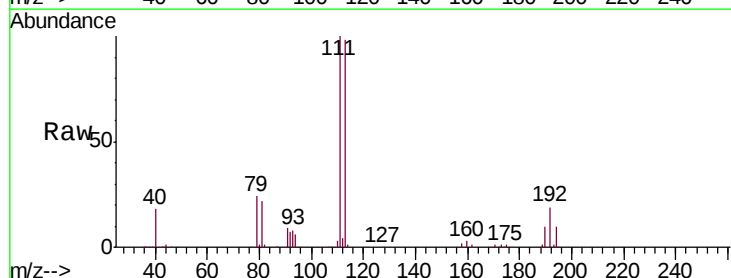


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

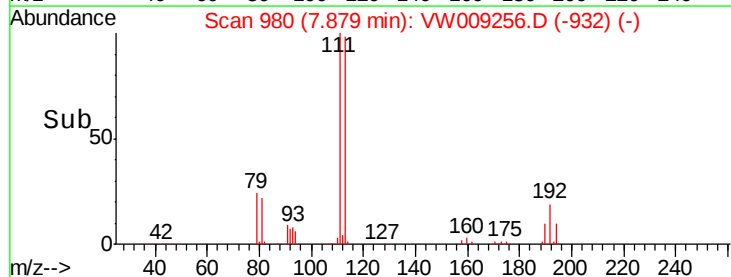
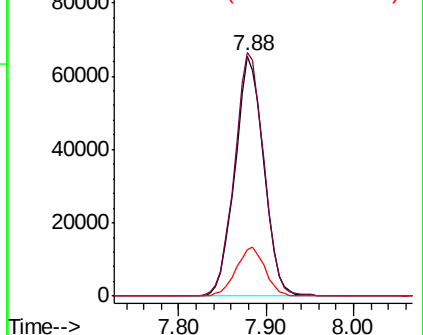


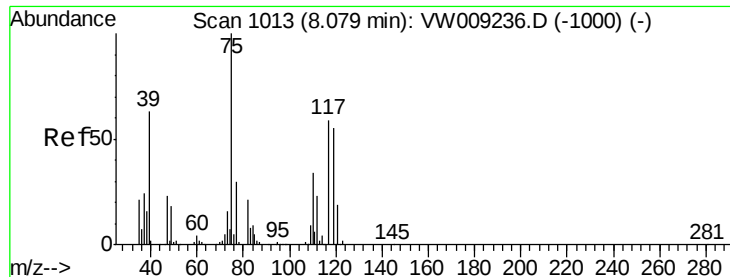
#35
 Dibromofluoromethane
 Concen: 53.894 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW009256.D
 Acq: 20 Mar 2019 00:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	20.6	16.4	24.6



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

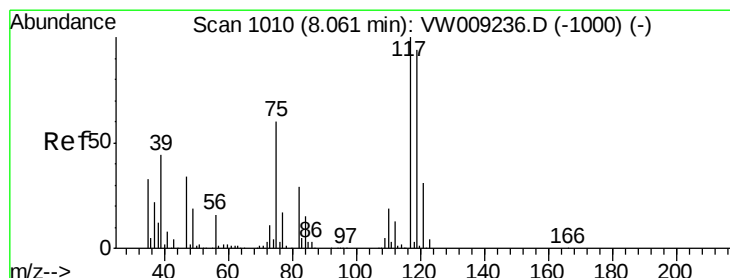
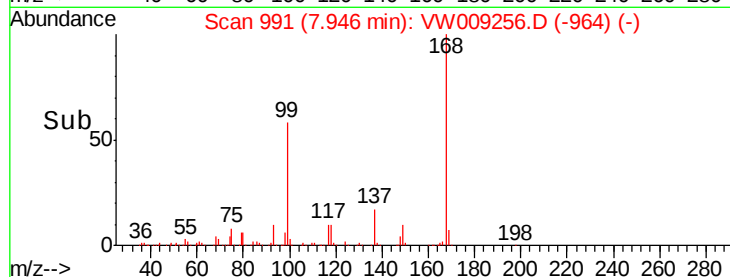
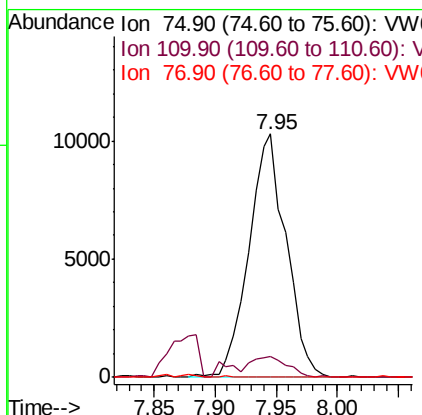
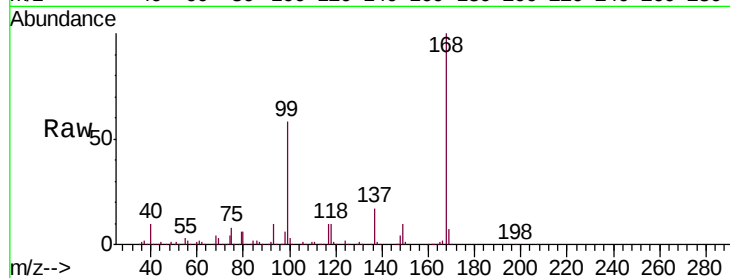




#36
 1,1-Dichloropropene
 Concen: 5.005 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009256.D
 Acq: 20 Mar 2019 00:11

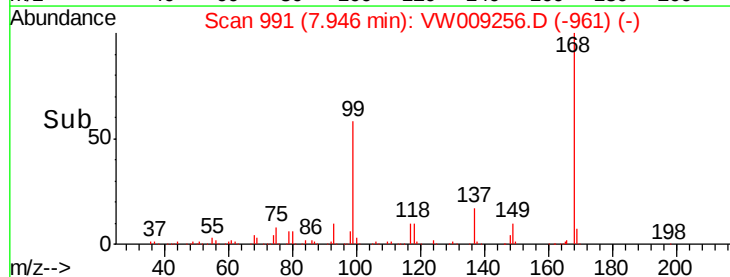
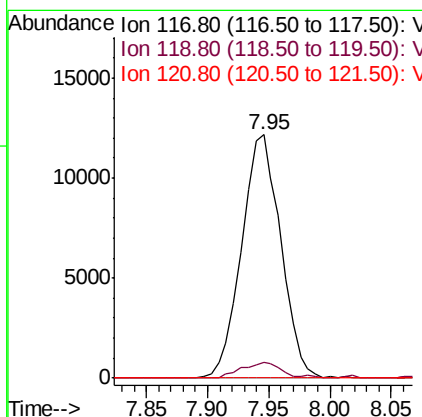
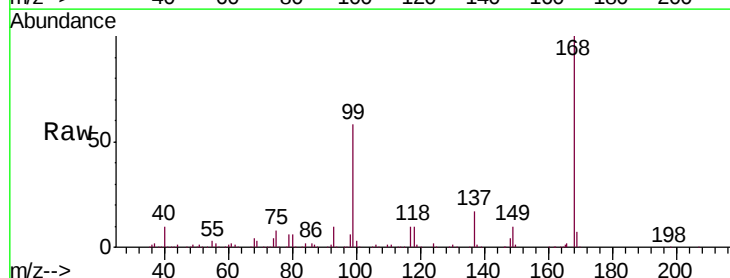
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBL02

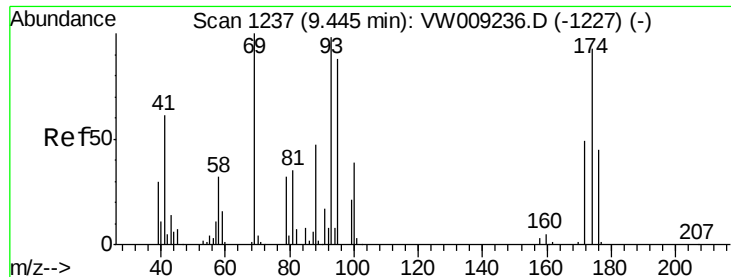
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.8	50.4#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.856 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW009256.D
 Acq: 20 Mar 2019 00:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	75.4	113.0#
121	0.0	24.9	37.3#





#49

1,4-Dioxane

Concen: 1.833 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW009256.D

Acq: 20 Mar 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBL02

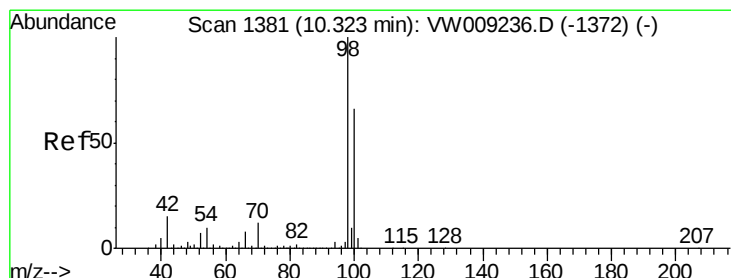
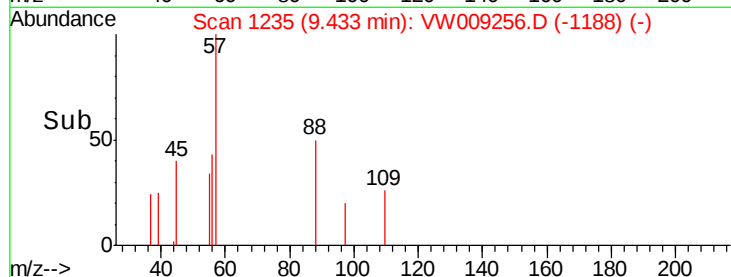
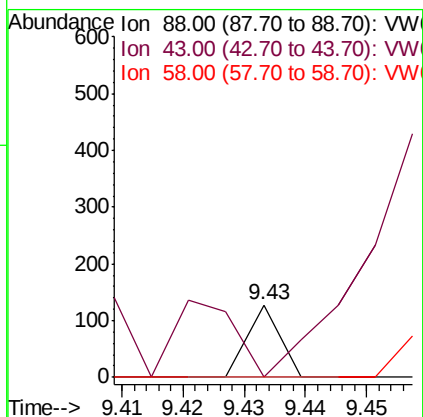
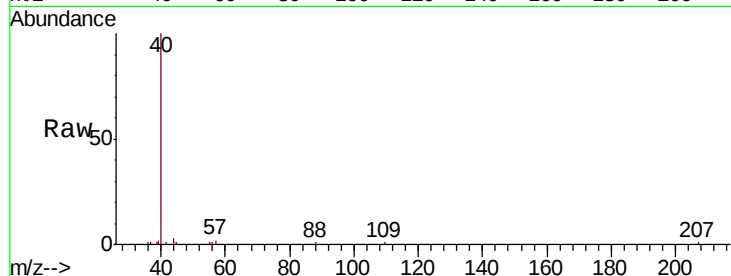
Tgt Ion: 88 Resp: 47

Ion Ratio Lower Upper

88 100

43 0.0 29.7 44.5#

58 0.0 58.1 87.1#



#50

Toluene-d8

Concen: 54.446 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009256.D

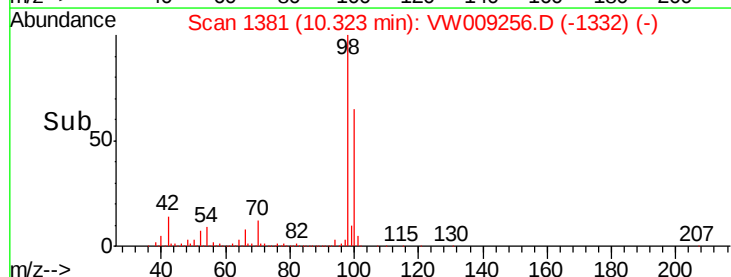
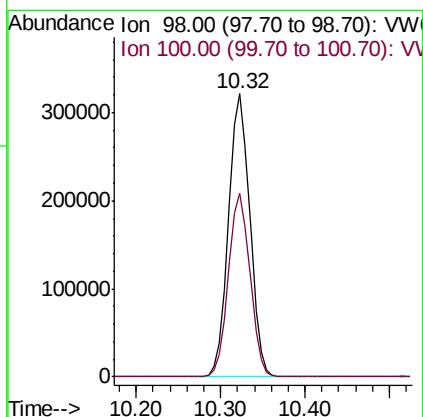
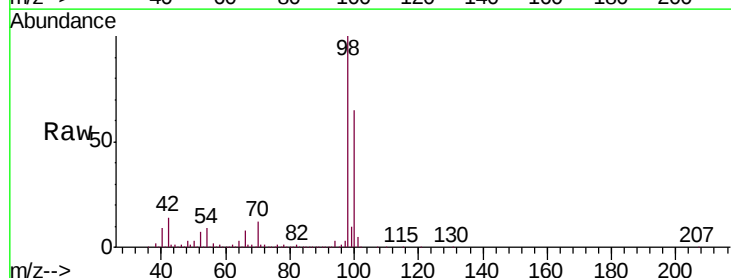
Acq: 20 Mar 2019 00:11

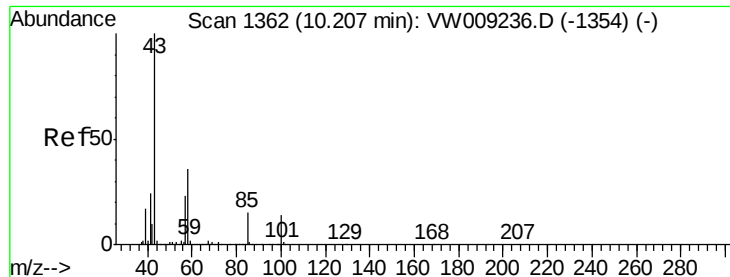
Tgt Ion: 98 Resp: 550012

Ion Ratio Lower Upper

98 100

100 65.6 52.6 79.0

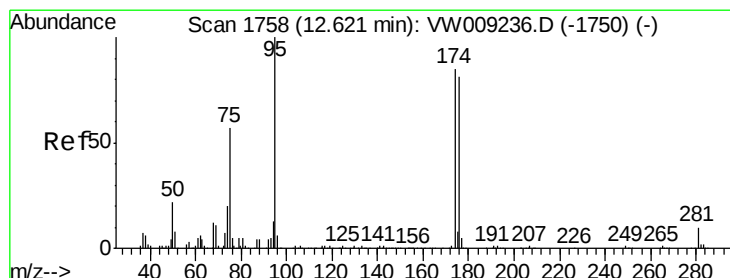
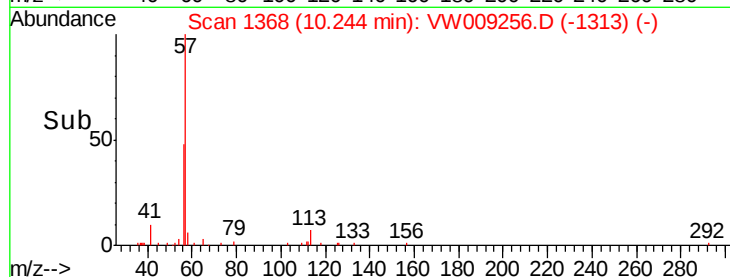
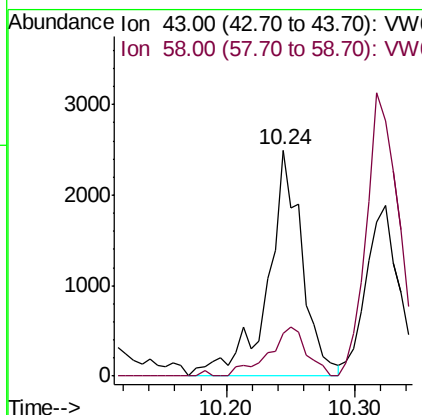
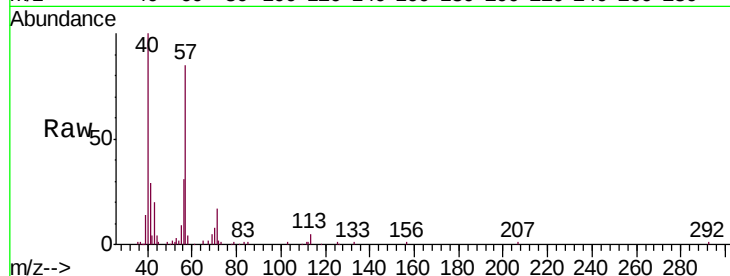




#51
4-Methyl-2-Pentanone
Concen: 2.241 ug/l
RT: 10.24 min Scan# 1368
Delta R.T. 0.04 min
Lab File: VW009256.D
Acq: 20 Mar 2019 00:11

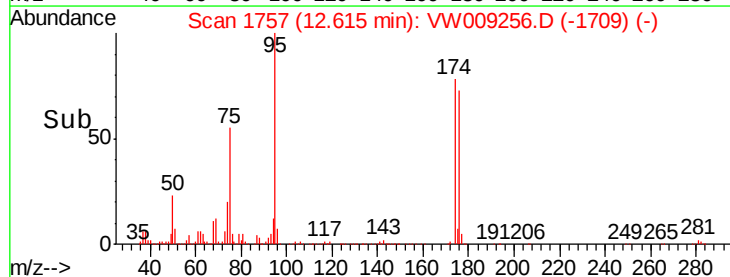
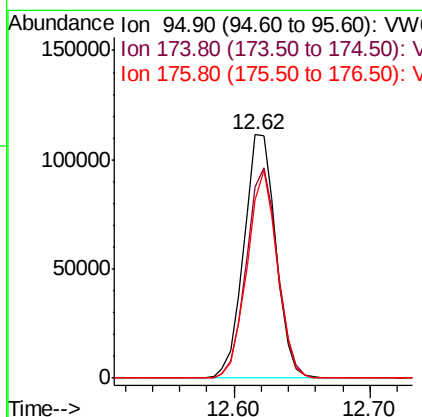
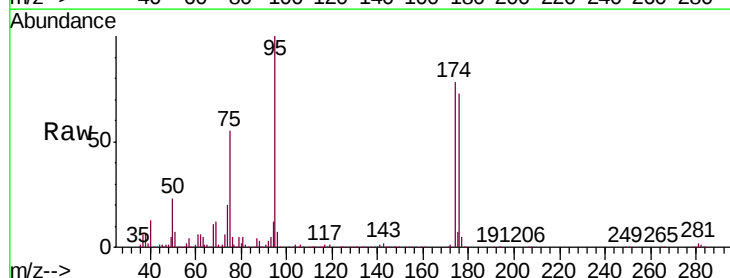
Instrument :
MSVOA_W
ClientSampleId :
VW0319SBL02

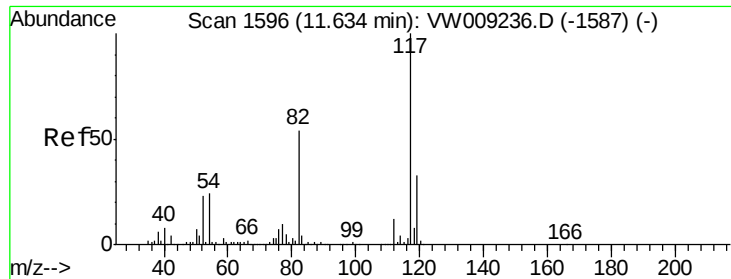
Tgt Ion: 43 Resp: 4653
Ion Ratio Lower Upper
43 100
58 24.1 28.6 42.8#



#62
4-Bromofluorobenzene
Concen: 49.420 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW009256.D
Acq: 20 Mar 2019 00:11

Tgt Ion: 95 Resp: 183304
Ion Ratio Lower Upper
95 100
174 84.7 0.0 168.4
176 81.0 0.0 161.6

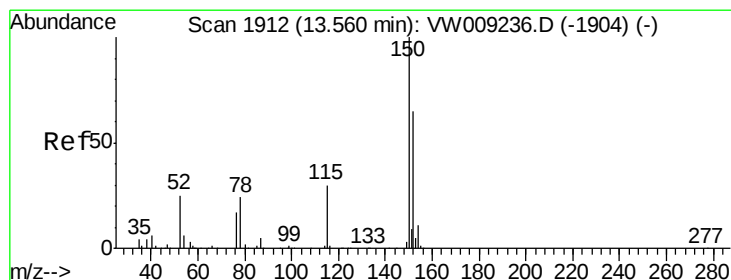
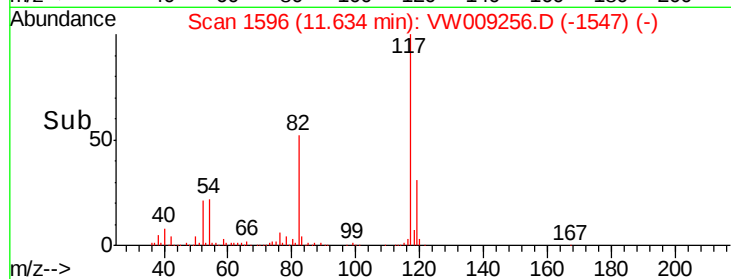
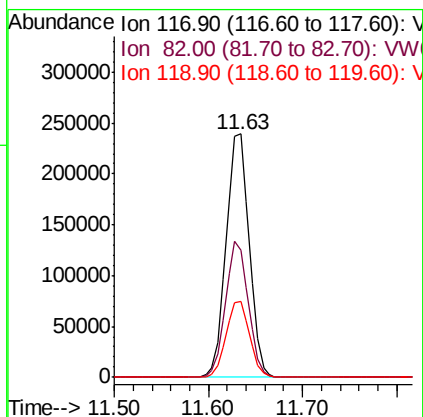
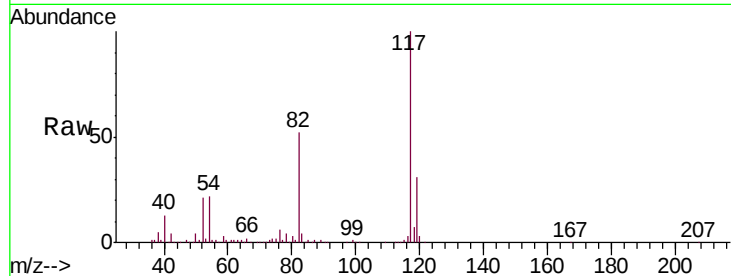




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009256.D
Acq: 20 Mar 2019 00:11

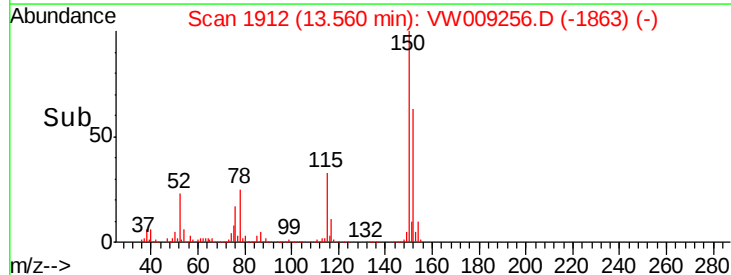
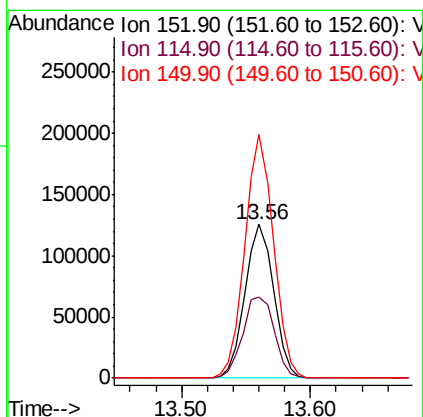
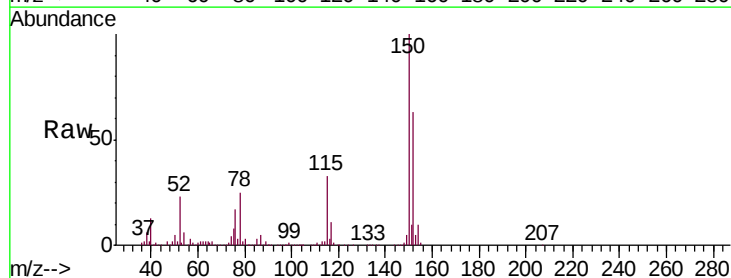
Instrument :
MSVOA_W
ClientSampleId :
VW0319SBL02

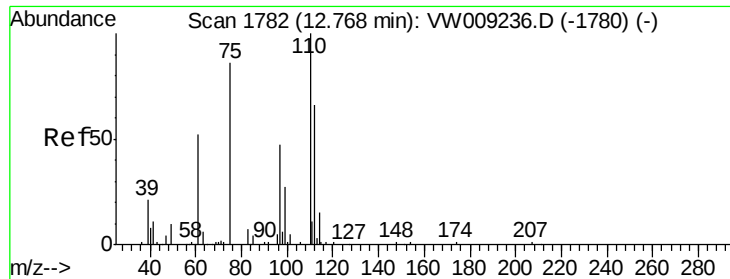
Tgt Ion:117 Resp: 407528
Ion Ratio Lower Upper
117 100
82 52.1 43.6 65.4
119 31.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009256.D
Acq: 20 Mar 2019 00:11

Tgt Ion:152 Resp: 193158
Ion Ratio Lower Upper
152 100
115 58.2 29.6 88.8
150 157.8 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 54.808 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW009256.D

Acq: 20 Mar 2019 00:11

Instrument :

MSVOA_W

ClientSampleId :

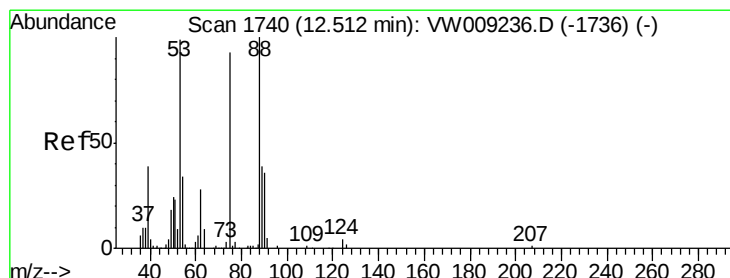
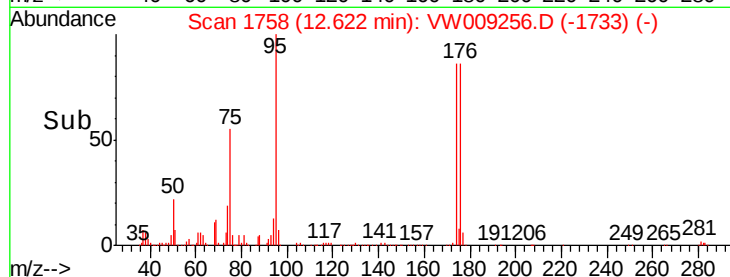
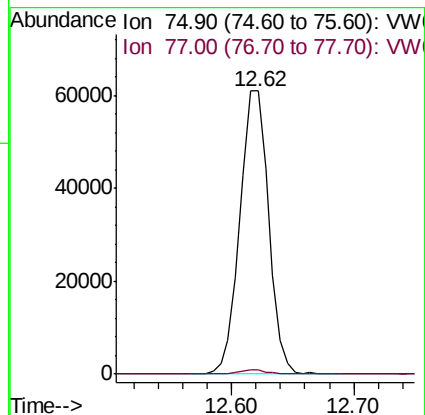
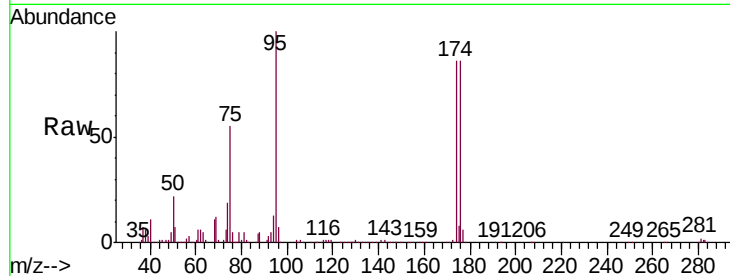
VW0319SBL02

Tgt Ion: 75 Resp: 99485

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.483 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW009256.D

Acq: 20 Mar 2019 00:11

Tgt Ion: 75 Resp: 99485

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.1 36.4 54.6#

