

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006512.D
 Acq On : 30 Oct 2018 19:44
 Operator : SY/AP
 Sample : J5649-05
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-02C

Quant Time: Oct 31 03:50:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	316359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104633	61.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.38%	
35) Dibromofluoromethane	7.88	113	107375	57.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.88%	
50) Toluene-d8	10.33	98	400319	56.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.58%	
62) 4-Bromofluorobenzene	12.62	95	138338	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

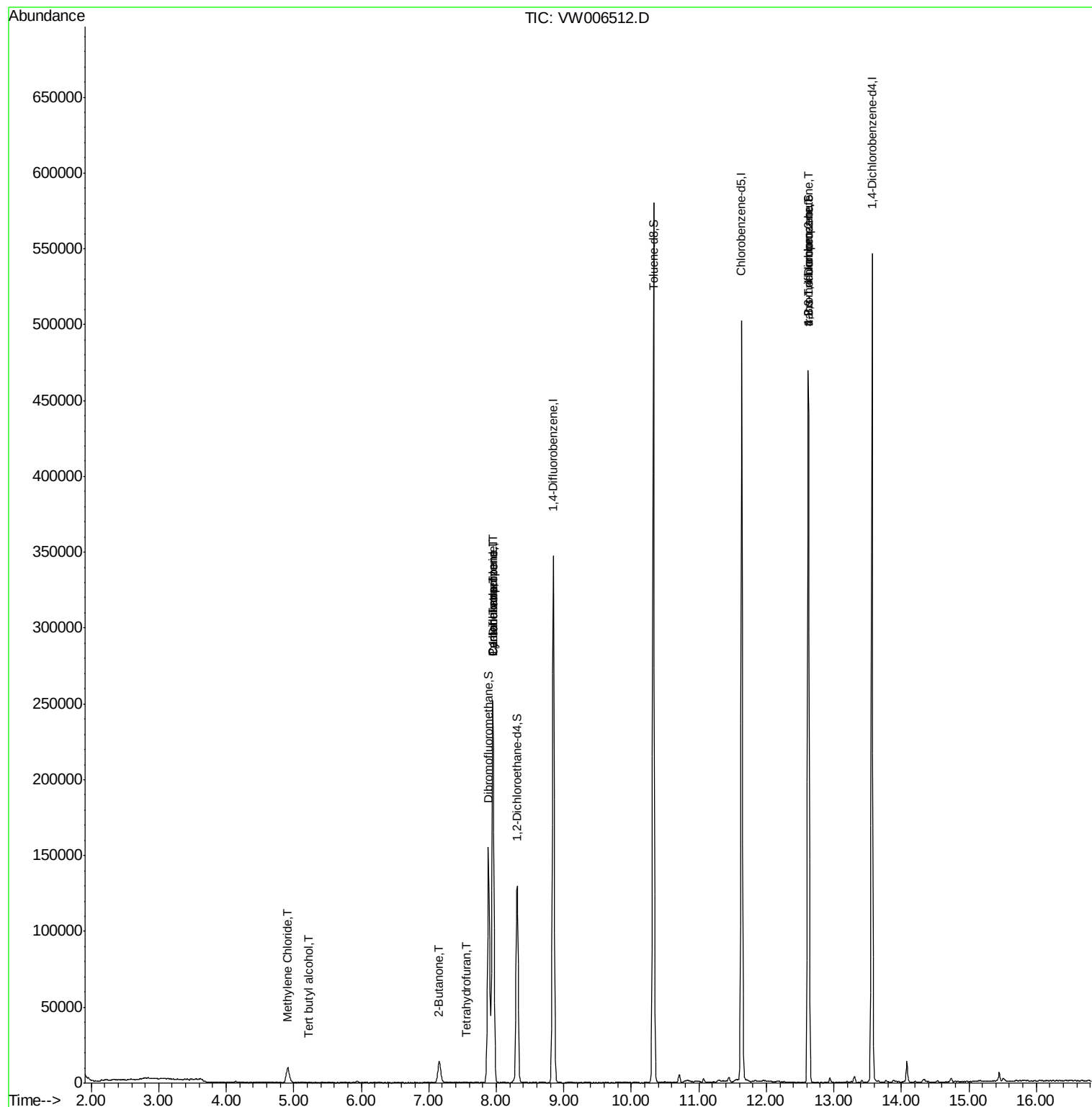
					Qvalue	
11) Tert butyl alcohol	5.22	59	118	1.026	ug/l #	71
16) Acetone	4.15	43	1056	Below Cal	#	86
20) Methylene Chloride	4.92	84	8765	3.325	ug/l	85
25) 2-Butanone	7.15	43	807	1.747	ug/l #	46
29) Tetrahydrofuran	7.55	42	319	1.124	ug/l #	53
31) Cyclohexane	7.95	56	3420	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	12898	4.423	ug/l #	49
38) Carbon Tetrachloride	7.95	117	17729	5.546	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	70001	59.540	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70001	142.323	ug/l #	10

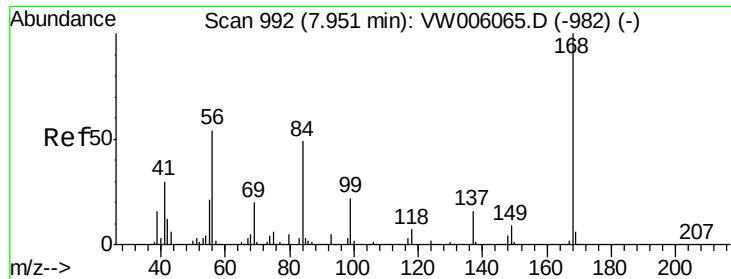
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103118\
Data File : VW006512.D
Acq On : 30 Oct 2018 19:44
Operator : SY/AP
Sample : J5649-05
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DL-02C

Quant Time: Oct 31 03:50:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006512.D

Acq: 30 Oct 2018 19:44

Instrument :

MSVOA_W

ClientSampled :

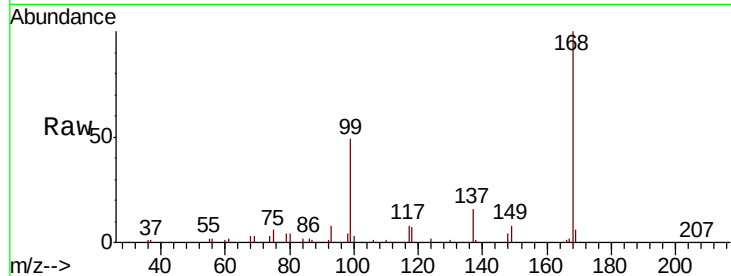
DL-02C

Tot Ion:168 Resp: 206240

Ion Ratio Lower Upper

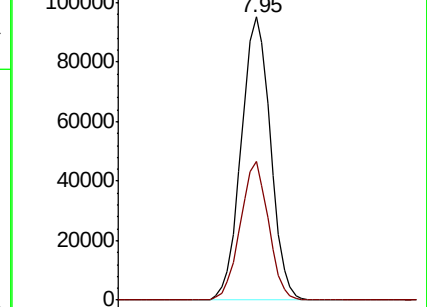
168 100

99 48.8 39.9 59.9

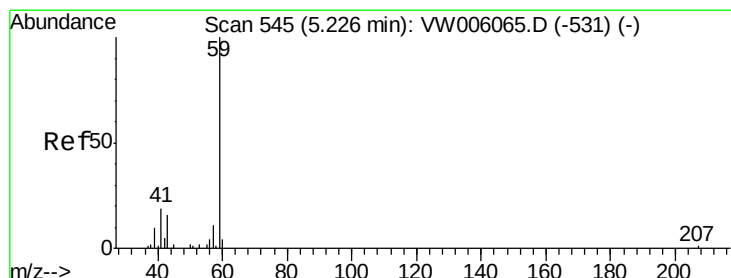
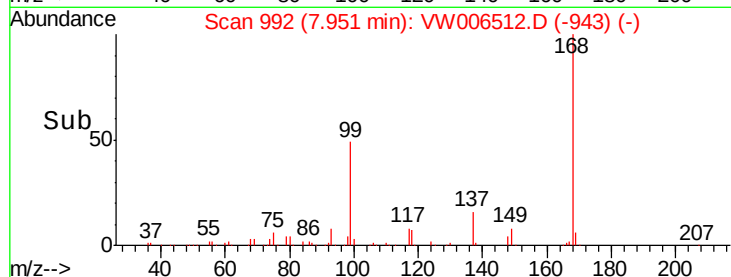


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#11

Tert butyl alcohol

Concen: 1.026 ug/l

RT: 5.22 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW006512.D

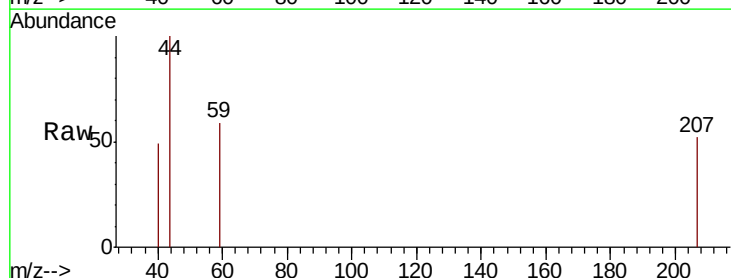
Acq: 30 Oct 2018 19:44

Tgt Ion: 59 Resp: 118

Ion Ratio Lower Upper

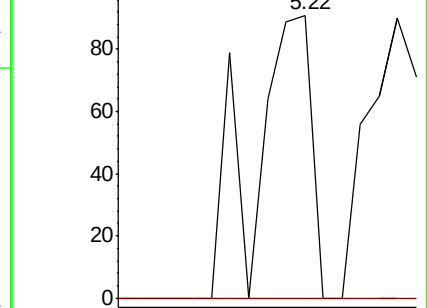
59 100

57 0.0 8.7 13.1#

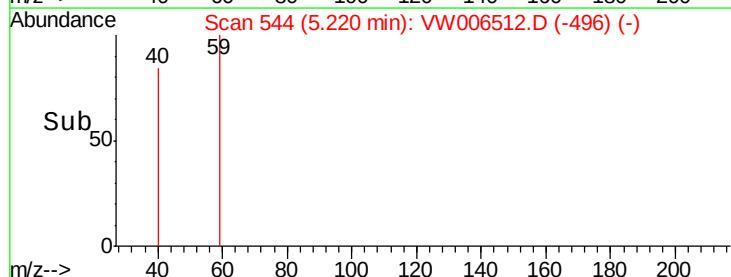


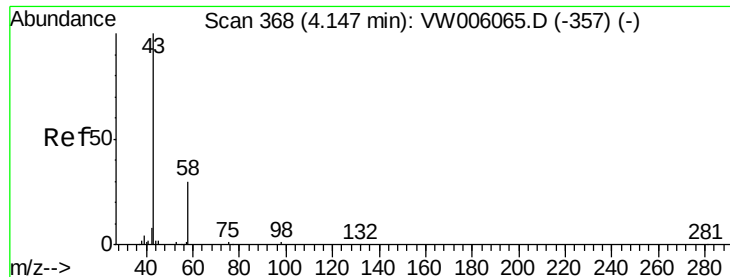
Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



Time-->

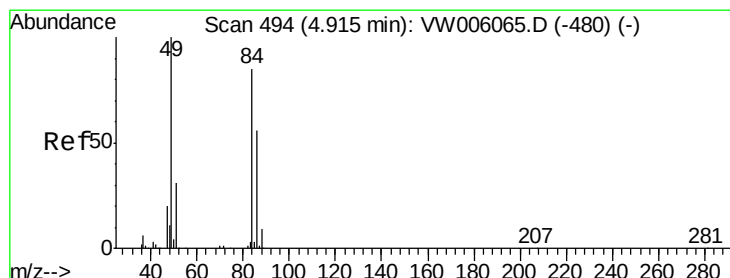
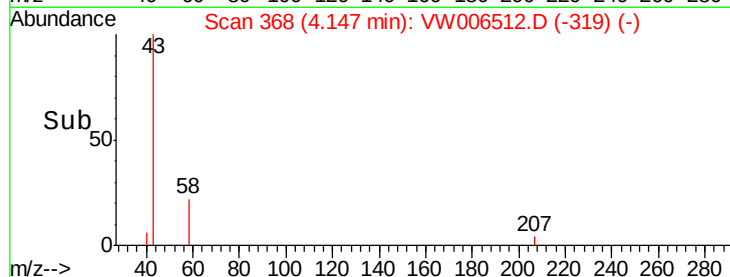
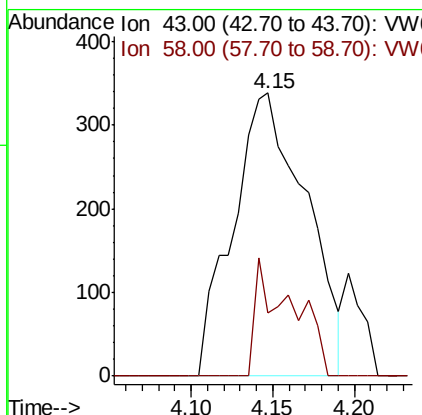
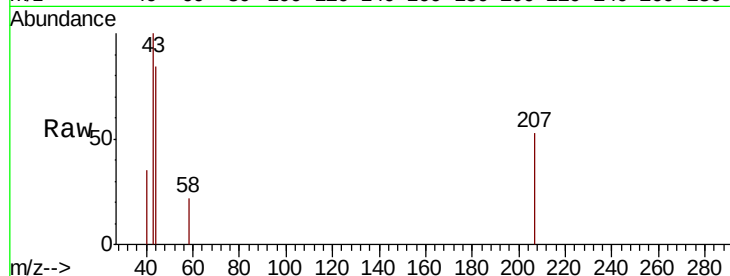




#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW006512.D
Acq: 30 Oct 2018 19:44

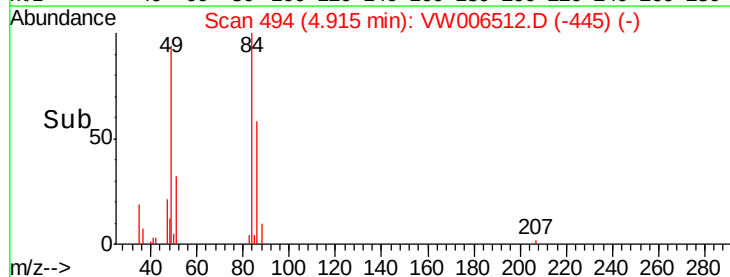
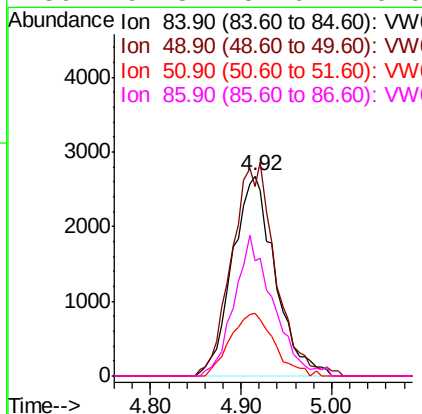
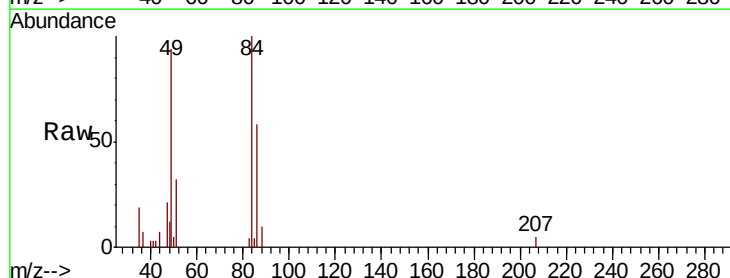
Instrument :
MSVOA_W
ClientSampleId :
DL-02C

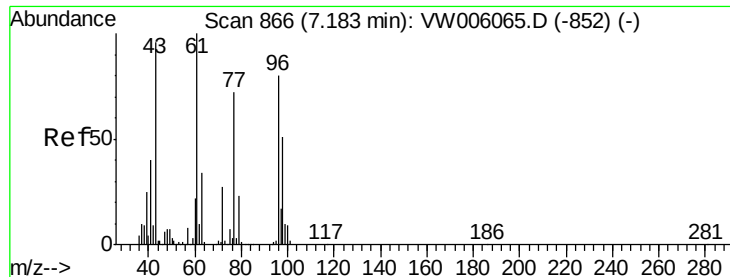
Tot Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
58 22.2 24.0 36.0#



#20
Methylene Chloride
Concen: 3.325 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006512.D
Acq: 30 Oct 2018 19:44

Tgt Ion: 84 Resp: 8765
Ion Ratio Lower Upper
84 100
49 94.4 93.6 140.4
51 31.5 29.0 43.4
86 57.8 52.6 79.0





#25

2-Butanone

Concen: 1.747 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006512.D

Acq: 30 Oct 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

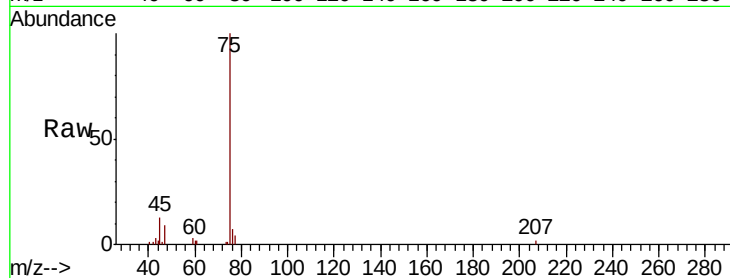
DL-02C

Tot Ion: 43 Resp: 807

Ion Ratio Lower Upper

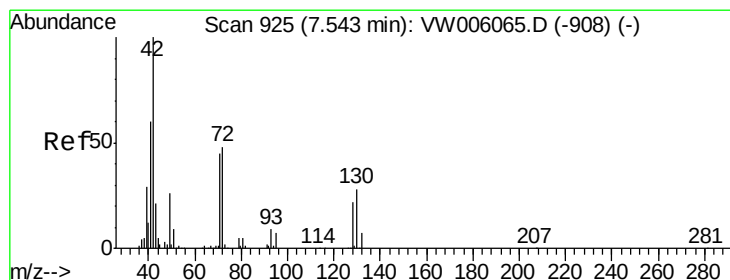
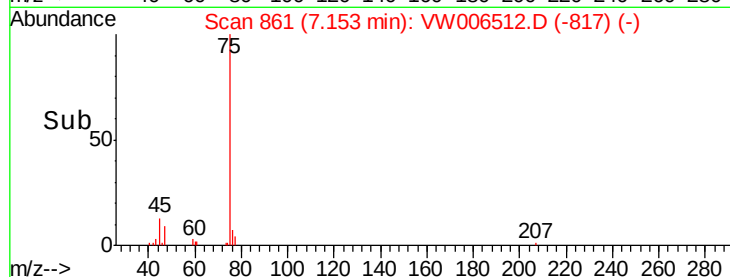
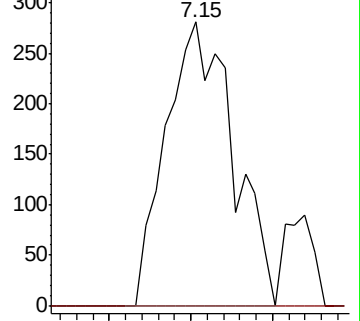
43 100

72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.124 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006512.D

Acq: 30 Oct 2018 19:44

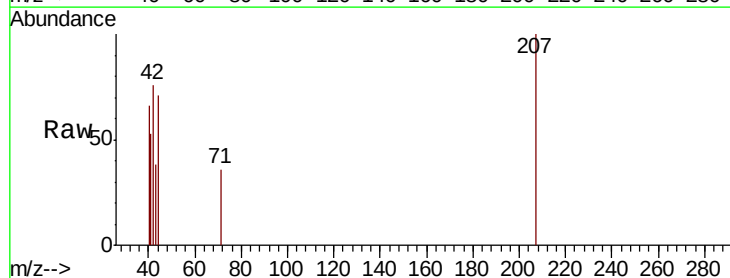
Tgt Ion: 42 Resp: 319

Ion Ratio Lower Upper

42 100

72 10.0 38.0 57.0#

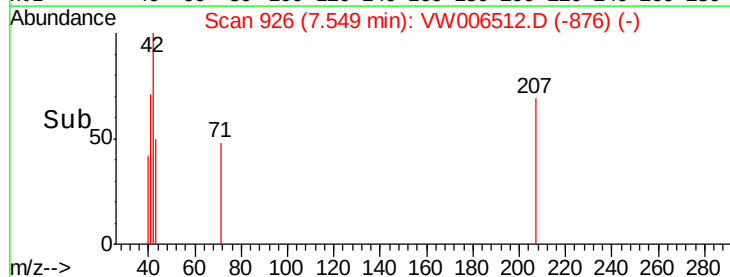
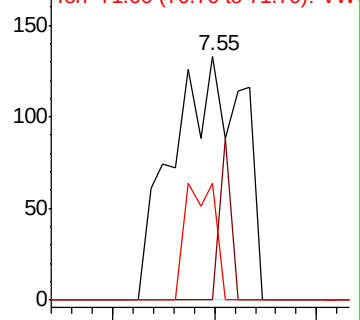
71 20.4 35.3 52.9#

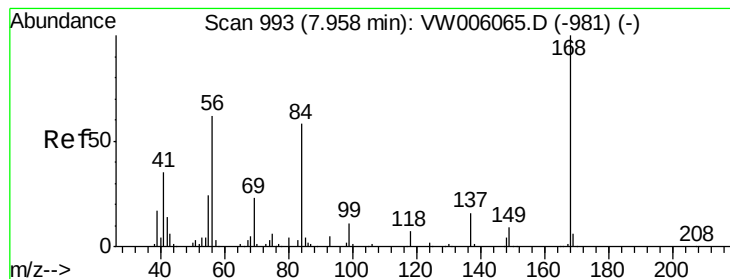


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.093 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006512.D

Acq: 30 Oct 2018 19:44

Instrument :

MSVOA_W

ClientSampled :

DL-02C

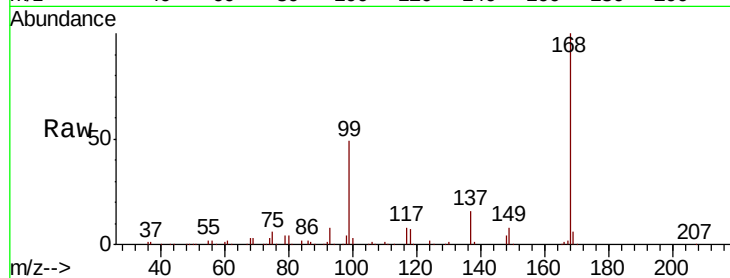
Tot Ion: 56 Resp: 3420

Ion Ratio Lower Upper

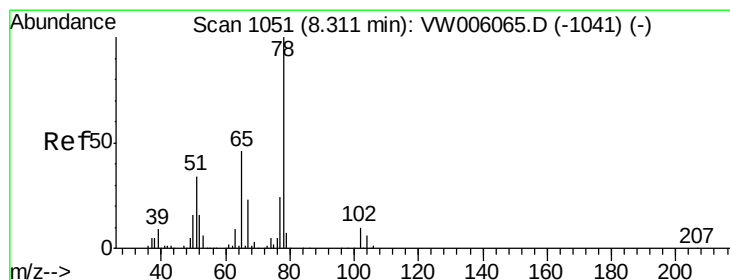
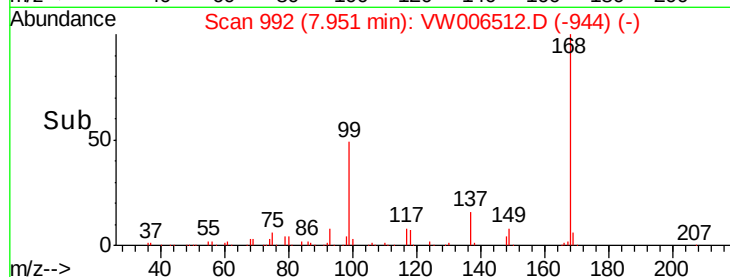
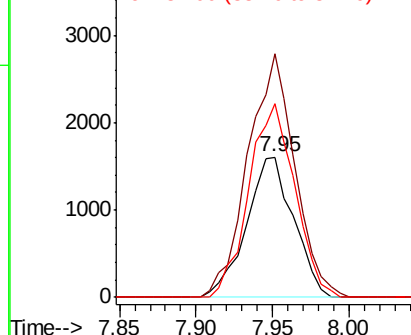
56 100

69 173.6 29.4 44.0#

84 137.9 74.0 111.0#



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: 61.195 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006512.D

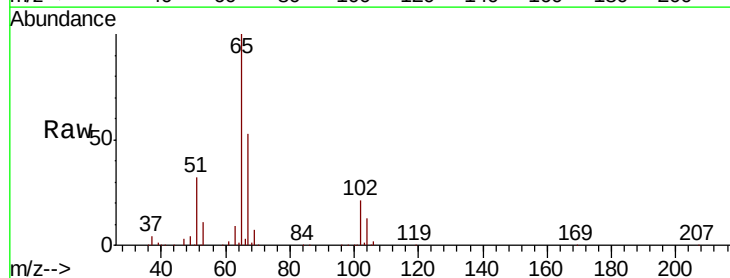
Acq: 30 Oct 2018 19:44

Tgt Ion: 65 Resp: 104633

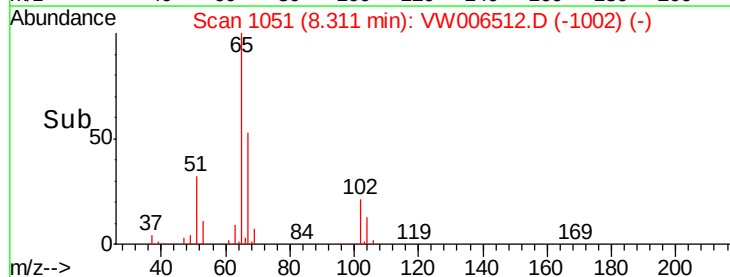
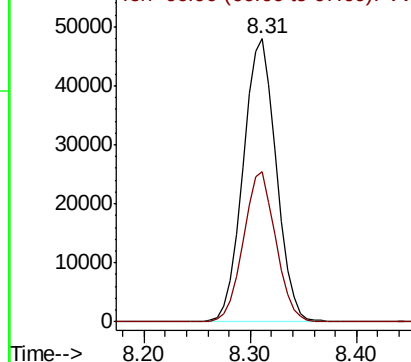
Ion Ratio Lower Upper

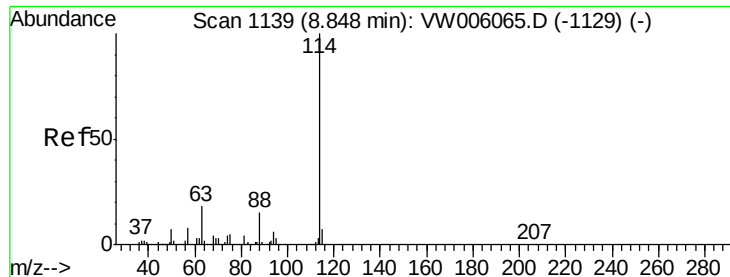
65 100

67 52.0 0.0 101.0



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

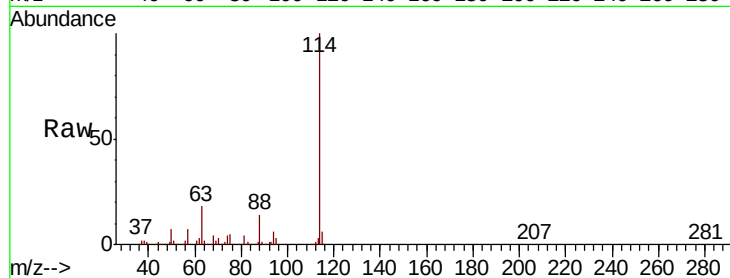




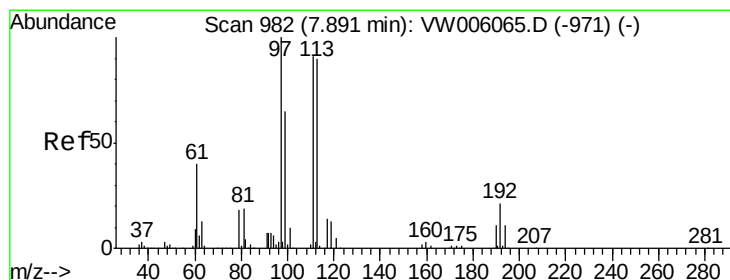
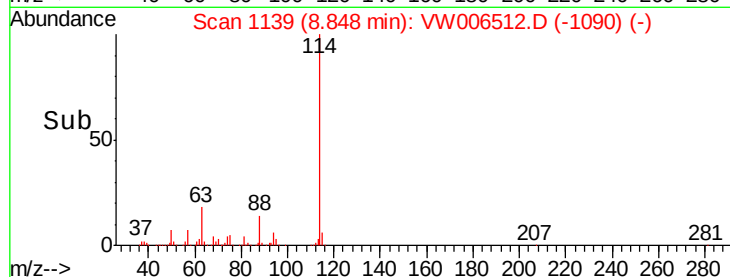
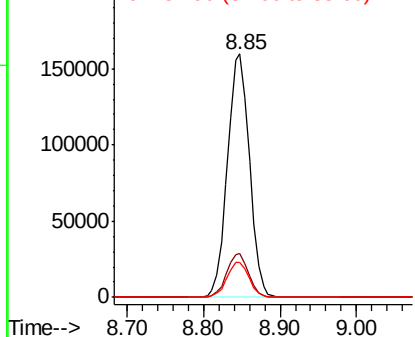
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006512.D
 Acq: 30 Oct 2018 19:44

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-02C

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.8
88	14.4	0.0	29.0

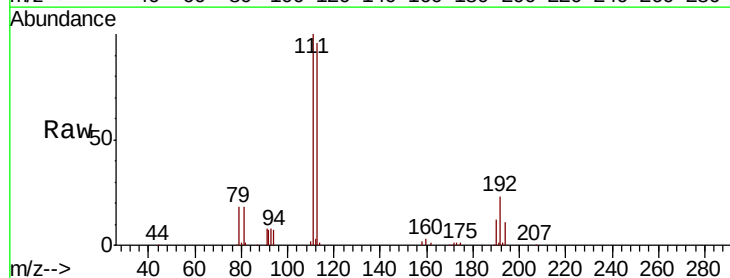


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

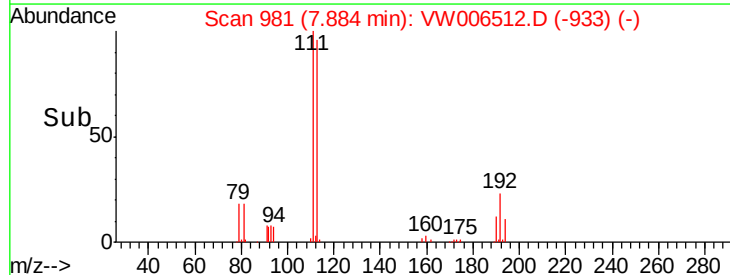
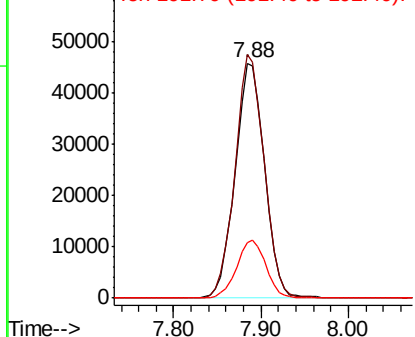


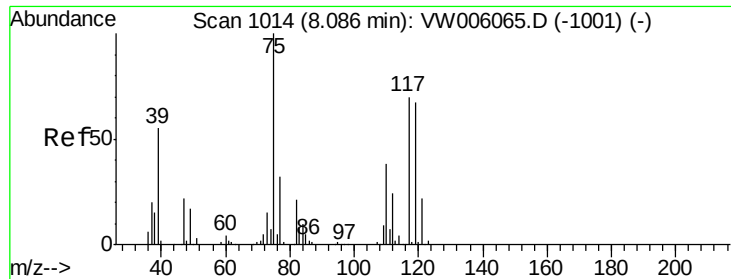
#35
 Dibromofluoromethane
 Concen: 57.440 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006512.D
 Acq: 30 Oct 2018 19:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.0
192	24.1	18.7	28.1



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

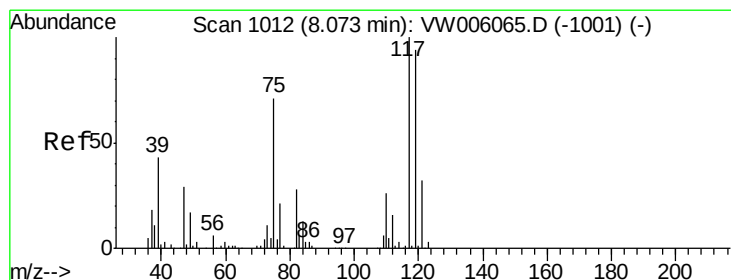
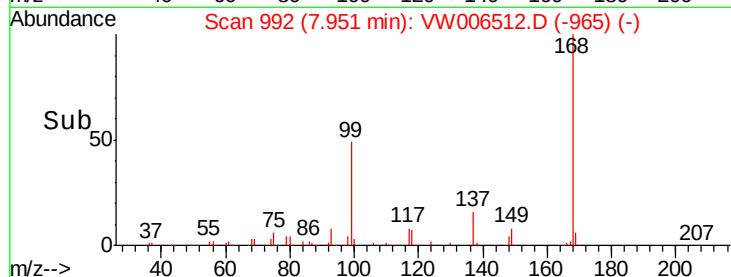
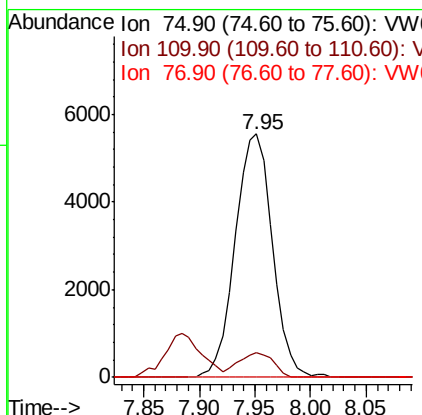
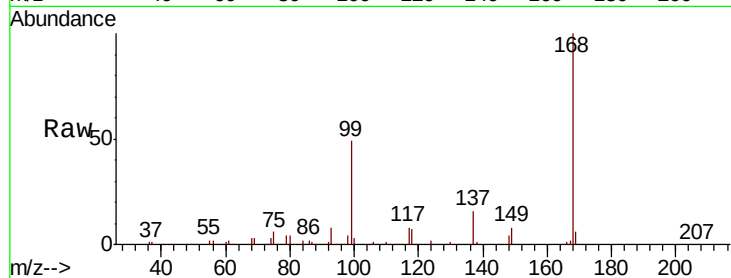




#36
 1,1-Dichloropropene
 Concen: 4.423 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006512.D
 Acq: 30 Oct 2018 19:44

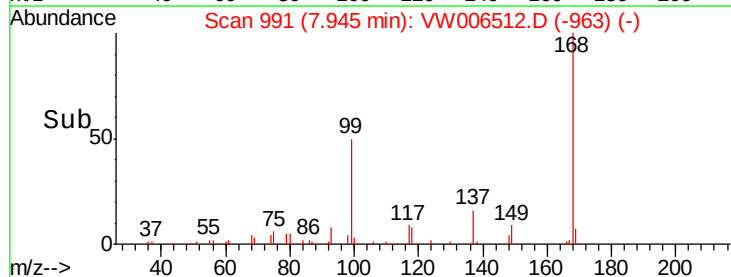
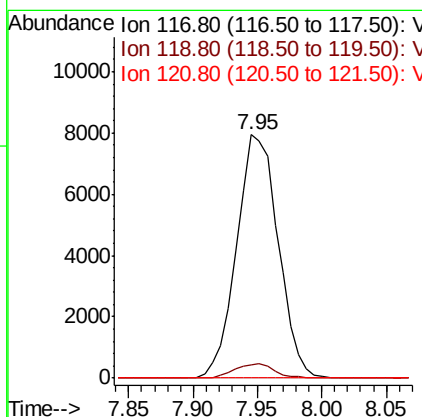
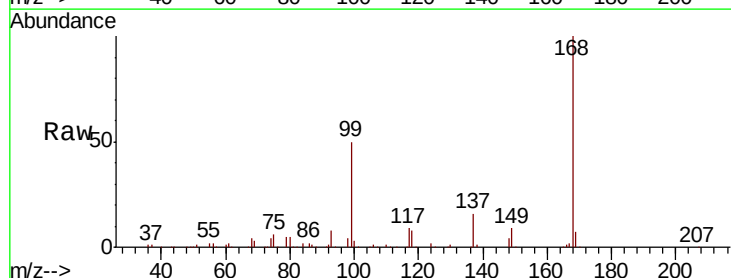
Instrument :
 MSVOA_W
 ClientSampled :
 DL-02C

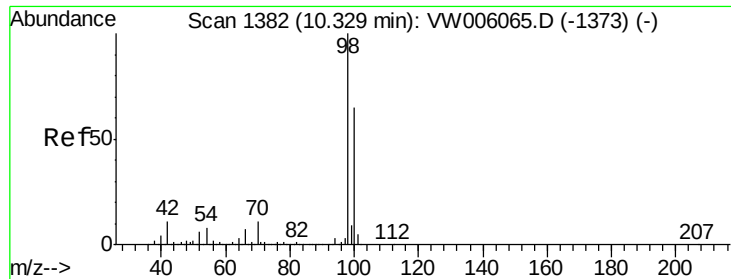
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.546 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006512.D
 Acq: 30 Oct 2018 19:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 56.288 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006512.D

Acq: 30 Oct 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

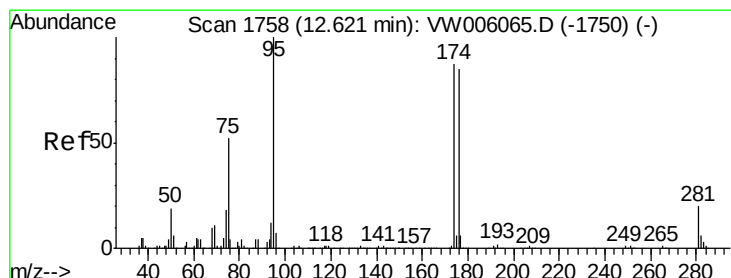
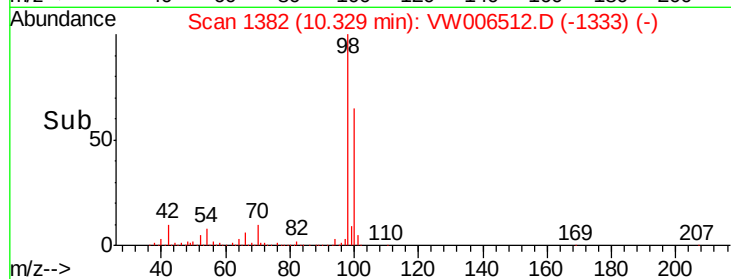
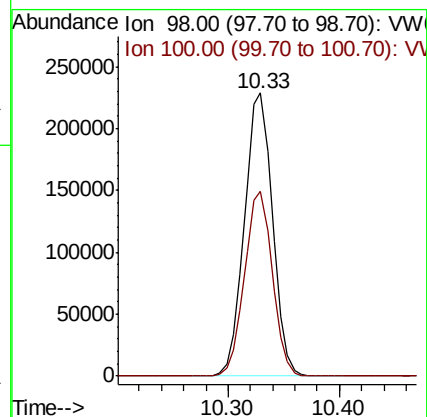
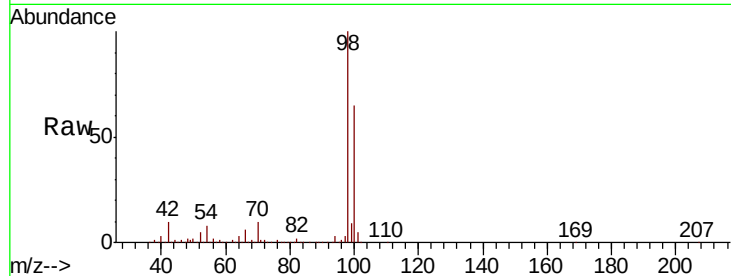
DL-02C

Tot Ion: 98 Resp: 400319

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 51.789 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006512.D

Acq: 30 Oct 2018 19:44

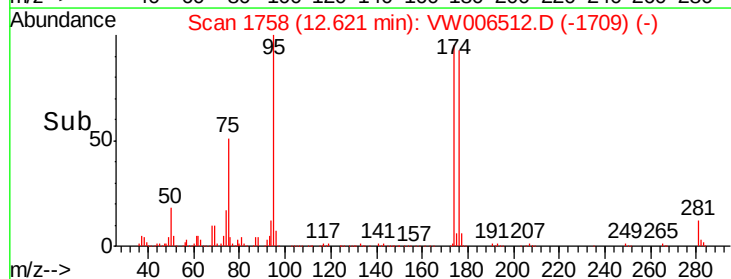
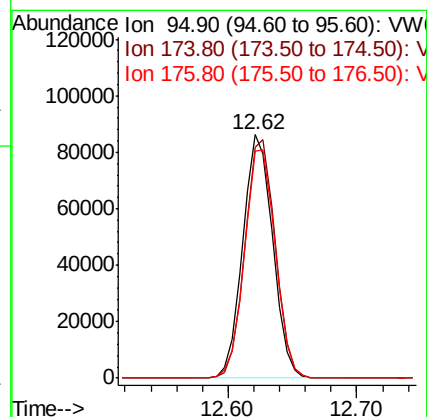
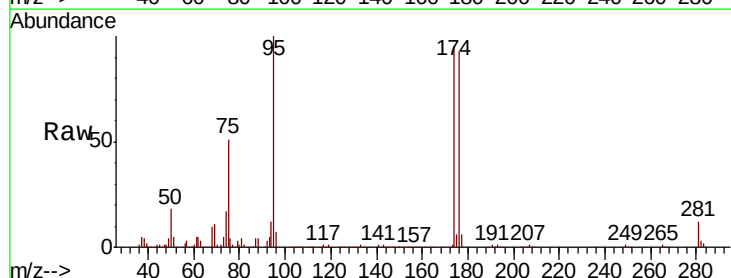
Tgt Ion: 95 Resp: 138338

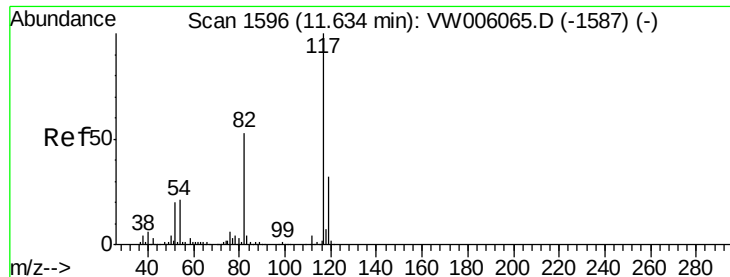
Ion Ratio Lower Upper

95 100

174 98.8 0.0 186.0

176 96.1 0.0 181.6

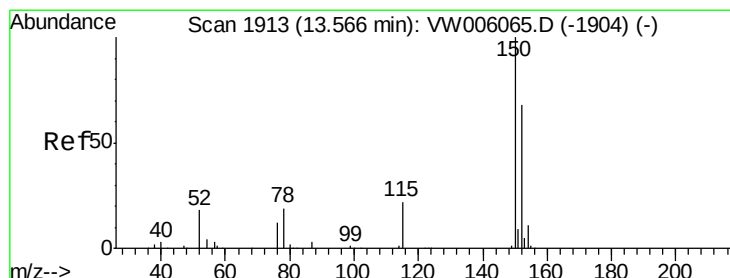
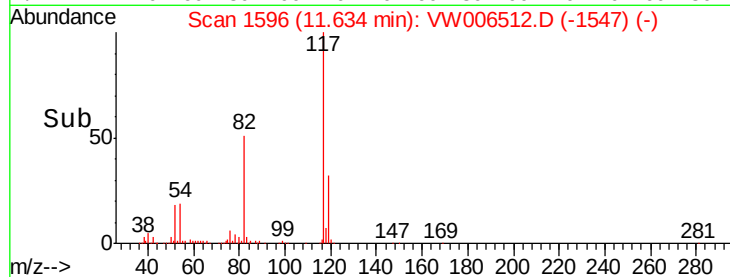
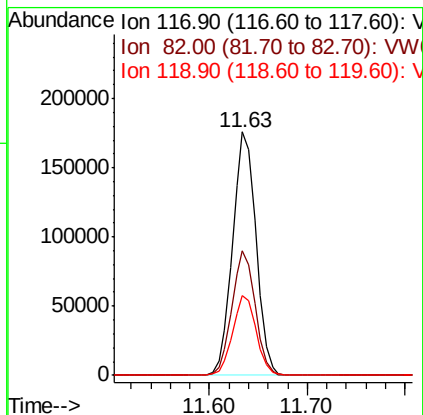
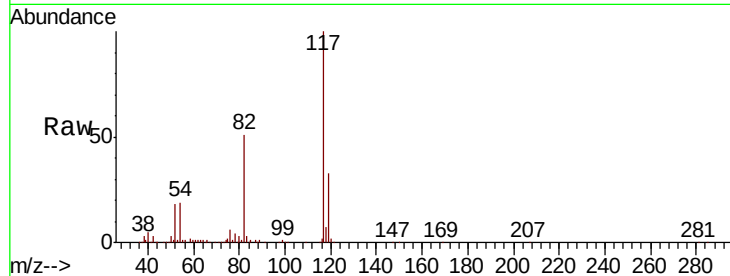




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006512.D
Acq: 30 Oct 2018 19:44

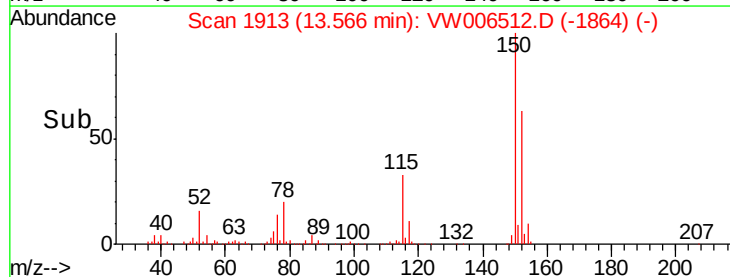
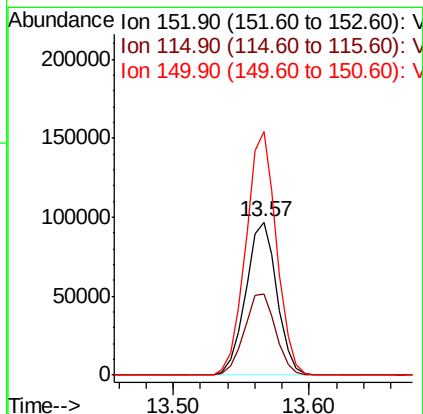
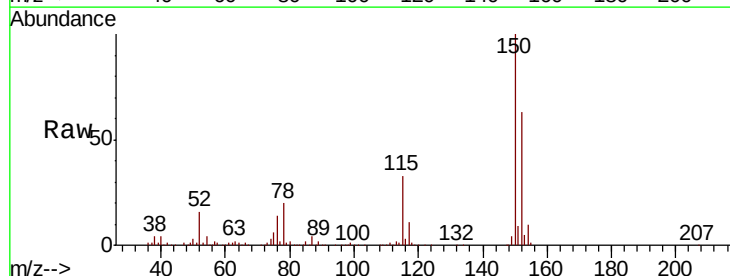
Instrument :
MSVOA_W
ClientSampleId :
DL-02C

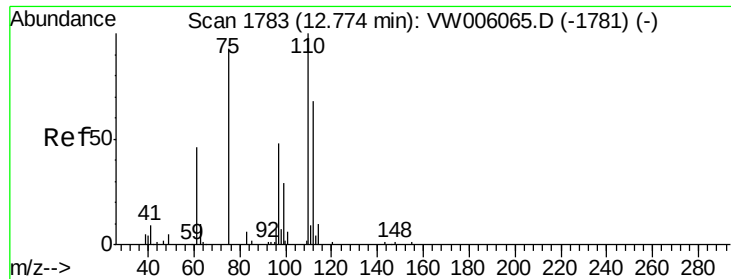
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.1	63.1
119	32.4	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006512.D
Acq: 30 Oct 2018 19:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.8	83.3
150	157.1	0.0	349.2

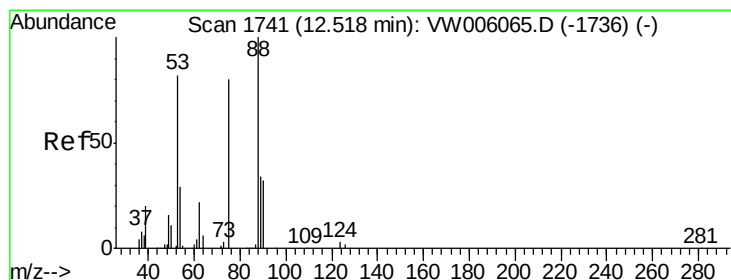
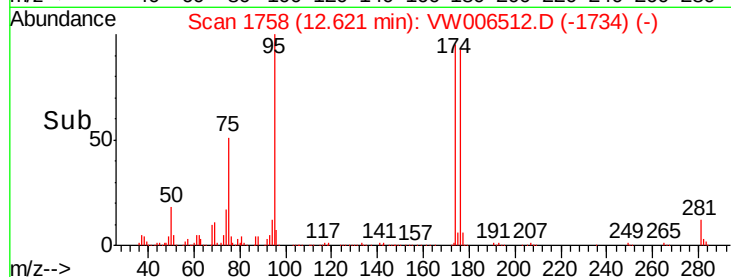
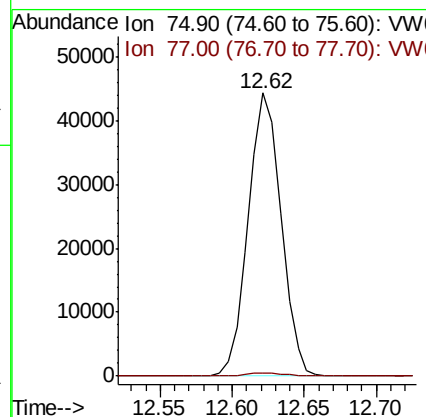
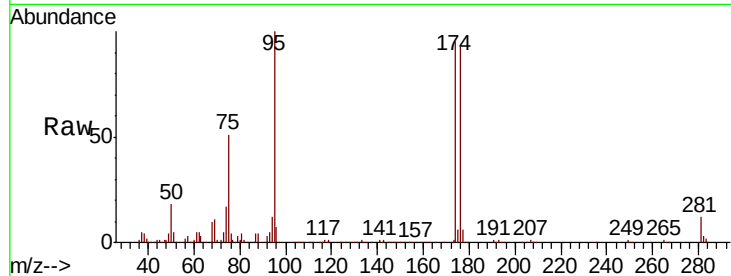




#76
 1,2,3-Trichloropropane
 Concen: 59.540 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006512.D
 Acq: 30 Oct 2018 19:44

Instrument :
 MSVOA_W
 ClientSampleID :
 DL-02C

Tot Ion: 75 Resp: 70001
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.323 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006512.D
 Acq: 30 Oct 2018 19:44

Tgt Ion: 75 Resp: 70001
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.0 37.5 56.3#

