

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006517.D
 Acq On : 30 Oct 2018 21:53
 Operator : SY/AP
 Sample : J5649-10
 Misc : 5.38G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-04A

Quant Time: Oct 31 03:52:19 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	216775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	312709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	135694	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	105394	58.64	ug/l	0.00
Spiked Amount			Recovery	=	117.28%	
35) Dibromofluoromethane	7.89	113	109325	59.17	ug/l	0.00
Spiked Amount			Recovery	=	118.34%	
50) Toluene-d8	10.33	98	403551	57.40	ug/l	0.00
Spiked Amount			Recovery	=	114.80%	
62) 4-Bromofluorobenzene	12.62	95	130030	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	

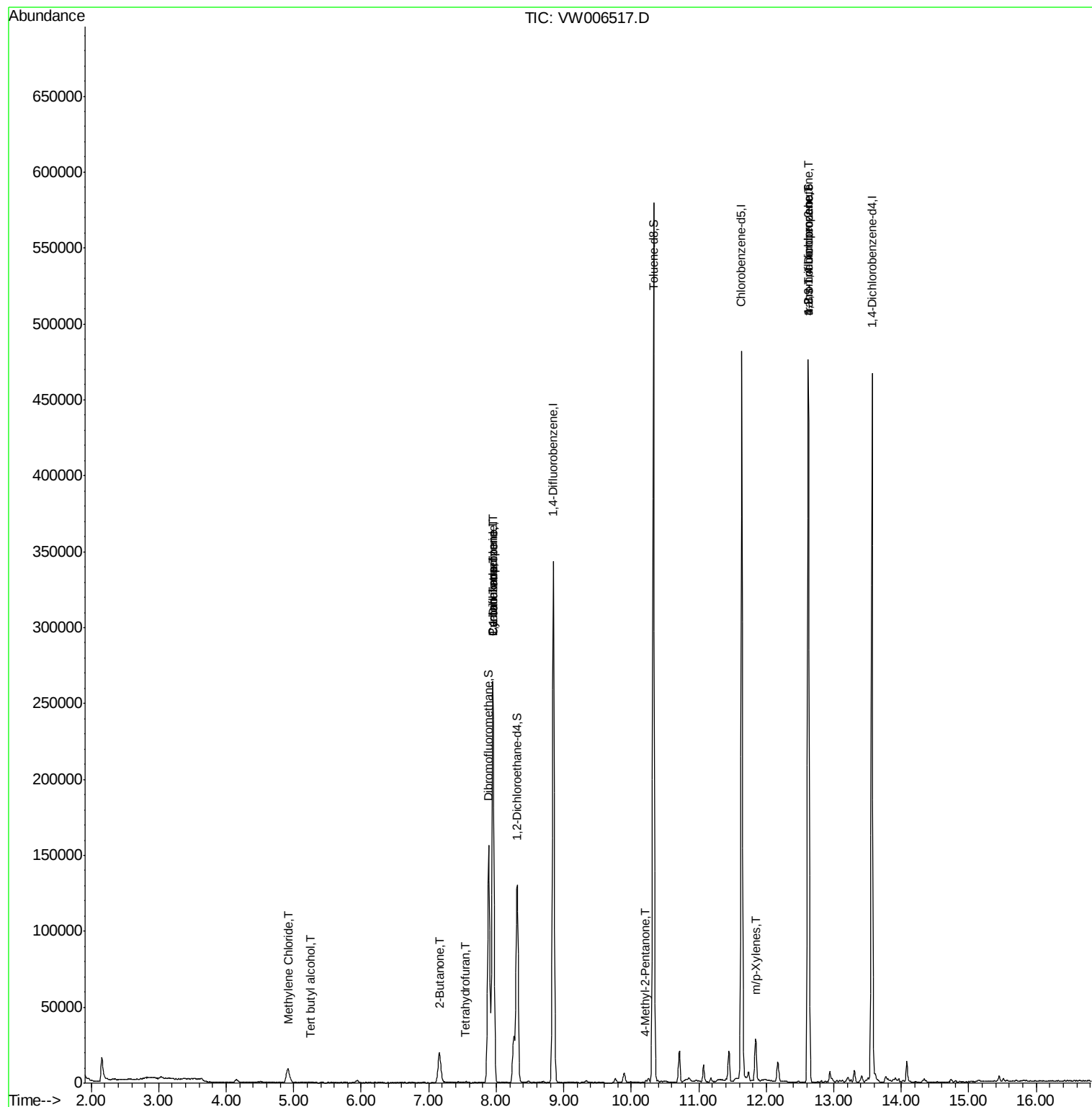
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	518	4.286	ug/l #	71
16) Acetone	4.15	43	4217	Below Cal		98
20) Methylene Chloride	4.92	84	8081	2.710	ug/l #	86
25) 2-Butanone	7.16	43	1313	2.704	ug/l #	78
29) Tetrahydrofuran	7.55	42	392	1.314	ug/l #	82
31) Cyclohexane	7.95	56	3799	1.155	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13780	4.781	ug/l #	48
38) Carbon Tetrachloride	7.95	117	18404	5.825	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	1341	1.222	ug/l #	81
68) m/p-Xylenes	11.84	106	9056	2.225	ug/l	94
76) 1,2,3-Trichloropropane	12.62	75	65792	63.479	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	65792	151.740	ug/l #	10

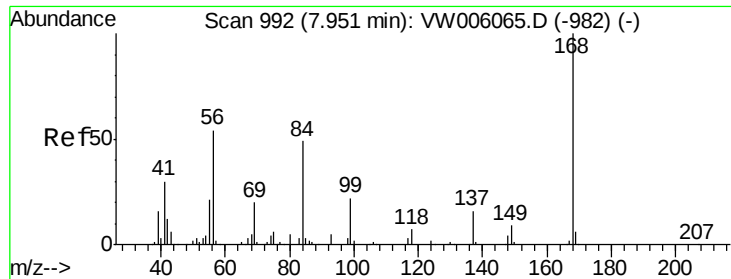
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW103118\
Data File : VW006517.D
Acq On : 30 Oct 2018 21:53
Operator : SY/AP
Sample : J5649-10
Misc : 5.38G/5ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DL-04A

Quant Time: Oct 31 03:52:19 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: VW006517.D

Acq: 30 Oct 2018 21:53

Instrument :

MSVOA_W

ClientSampleId :

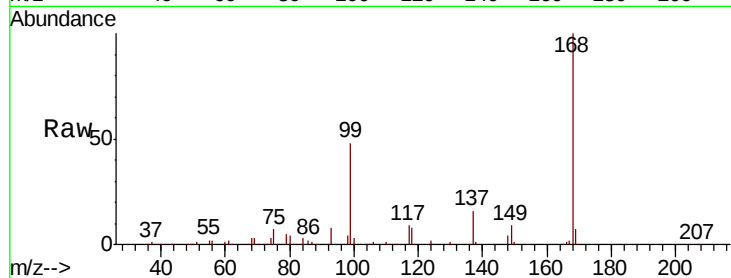
DL-04A

Tot Ion:168 Resp: 216775

Ion Ratio Lower Upper

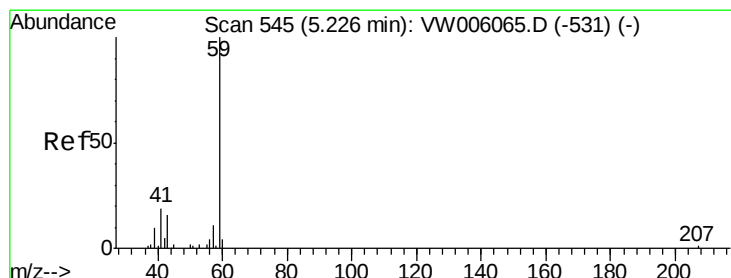
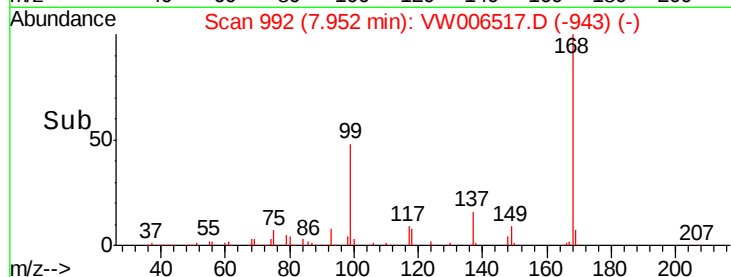
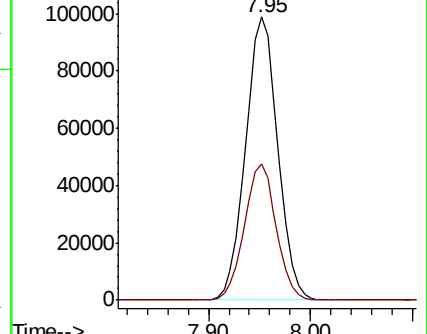
168 100

99 48.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 4.286 ug/l

RT: 5.24 min Scan# 548

Delta R.T. 0.02 min

Lab File: VW006517.D

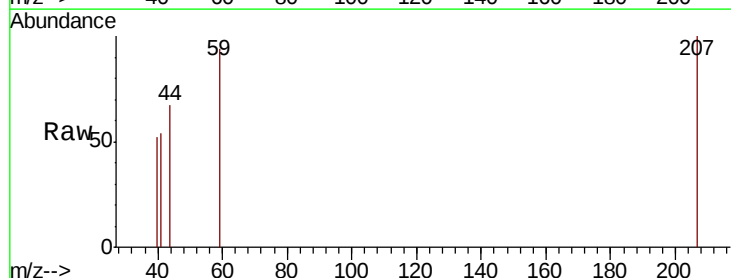
Acq: 30 Oct 2018 21:53

Tgt Ion: 59 Resp: 518

Ion Ratio Lower Upper

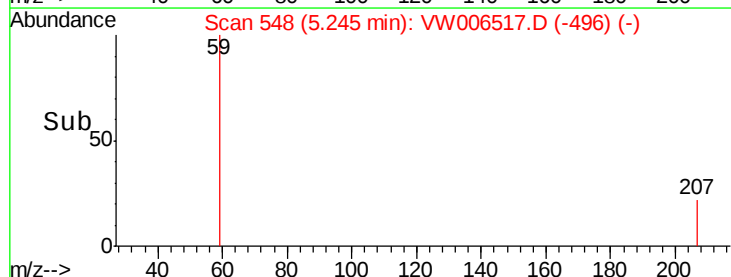
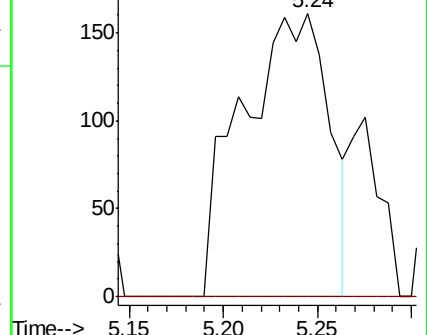
59 100

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





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006517.D

Acq: 30 Oct 2018 21:53

Instrument :

MSVOA_W

ClientSampleId :

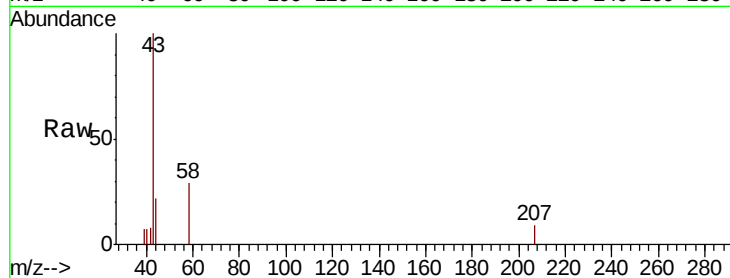
DL-04A

Tot Ion: 43 Resp: 4217

Ion Ratio Lower Upper

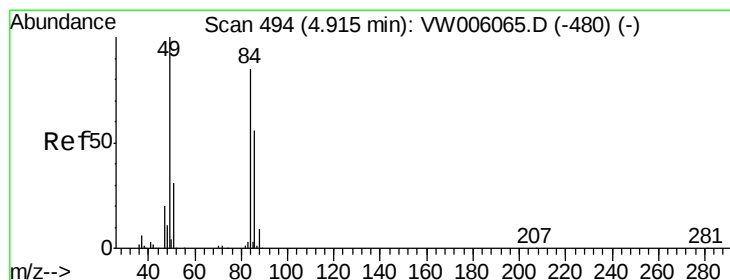
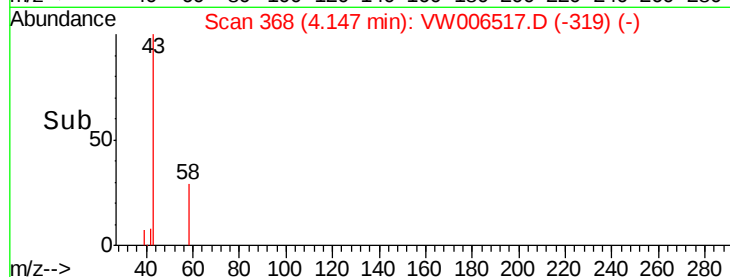
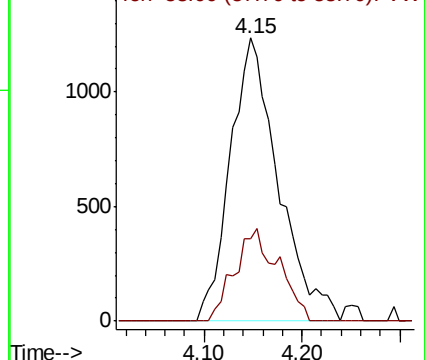
43 100

58 28.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.710 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW006517.D

Acq: 30 Oct 2018 21:53

Tgt Ion: 84 Resp: 8081

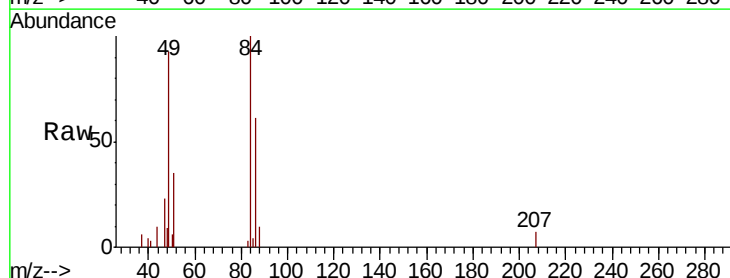
Ion Ratio Lower Upper

84 100

49 92.7 93.6 140.4#

51 35.4 29.0 43.4

86 60.6 52.6 79.0

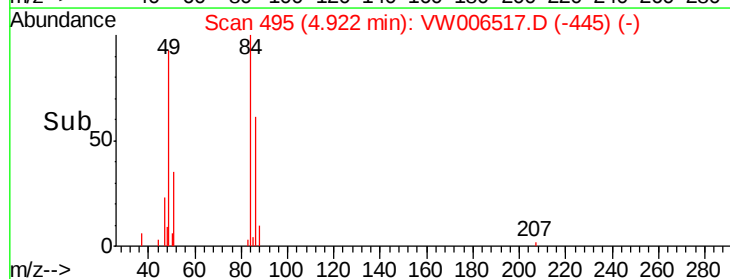
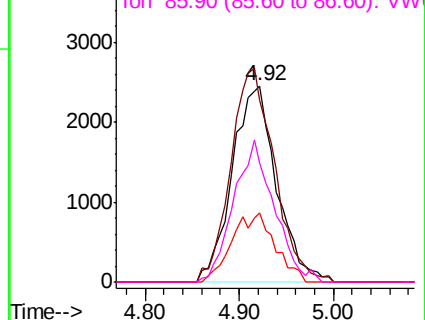


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 2.704 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006517.D

Acq: 30 Oct 2018 21:53

Instrument :

MSVOA_W

ClientSampled :

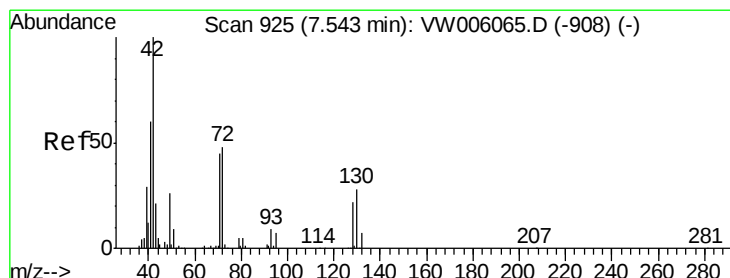
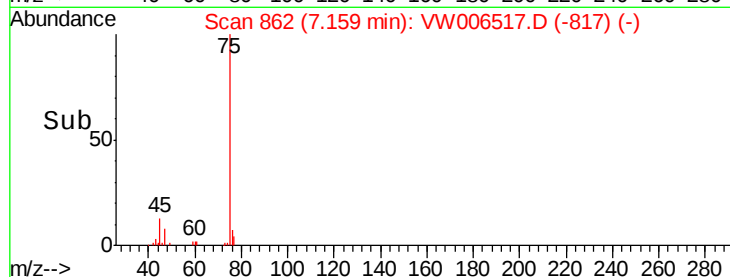
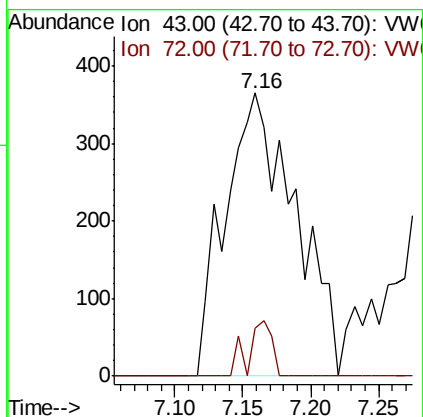
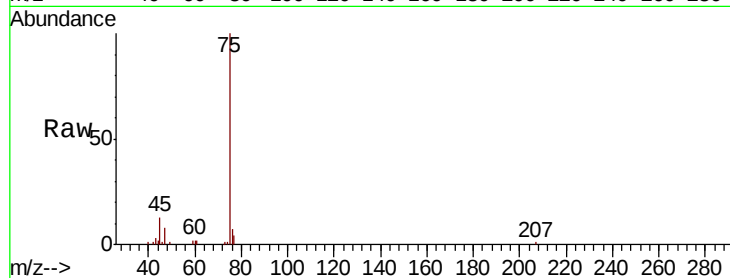
DL-04A

Tot Ion: 43 Resp: 1313

Ion Ratio Lower Upper

43 100

72 17.0 22.8 34.2#



#29

Tetrahydrofuran

Concen: 1.314 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006517.D

Acq: 30 Oct 2018 21:53

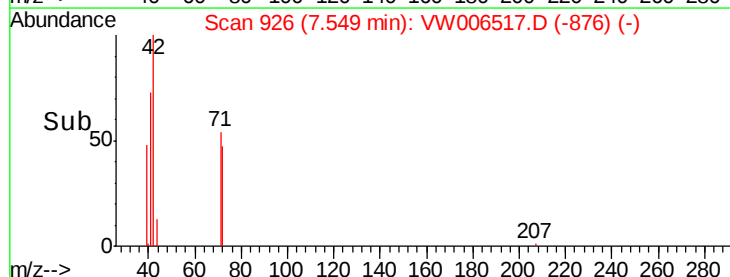
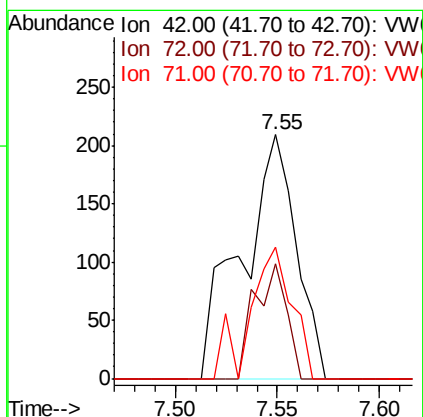
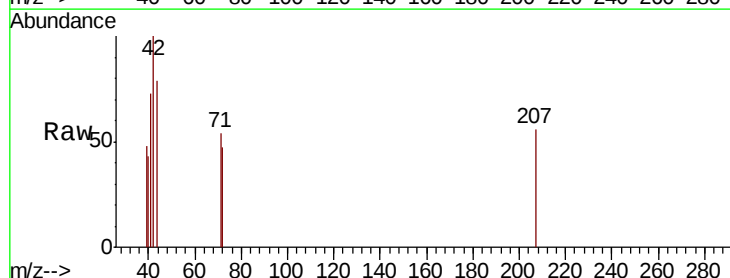
Tgt Ion: 42 Resp: 392

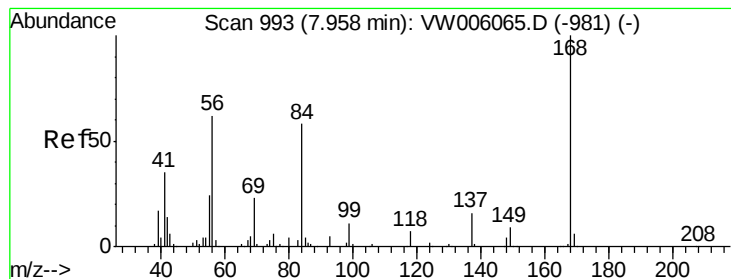
Ion Ratio Lower Upper

42 100

72 27.0 38.0 57.0#

71 41.6 35.3 52.9





#31

Cyclohexane

Concen: 1.155 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006517.D

Acq: 30 Oct 2018 21:53

Instrument :

MSVOA_W

ClientSampled :

DL-04A

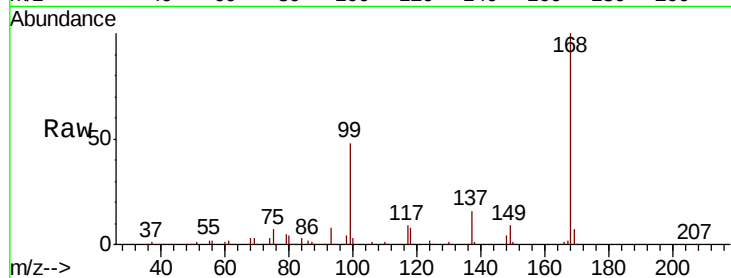
Tot Ion: 56 Resp: 3799

Ion Ratio Lower Upper

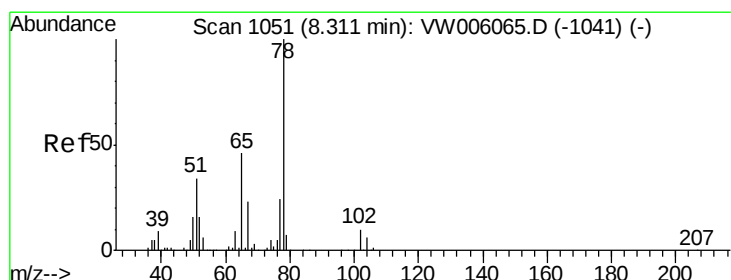
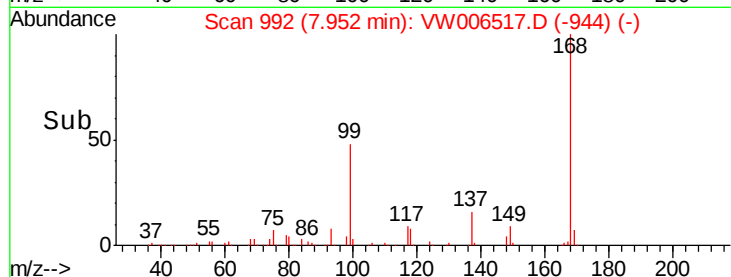
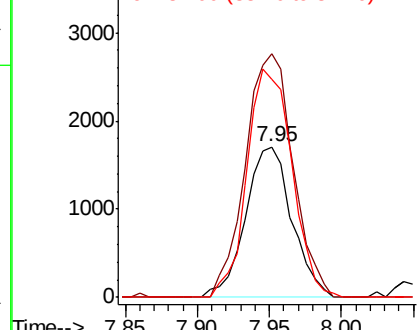
56 100

69 162.0 29.4 44.0#

84 145.4 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: 58.644 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006517.D

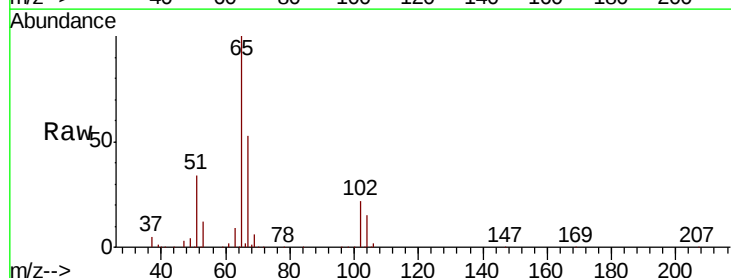
Acq: 30 Oct 2018 21:53

Tgt Ion: 65 Resp: 105394

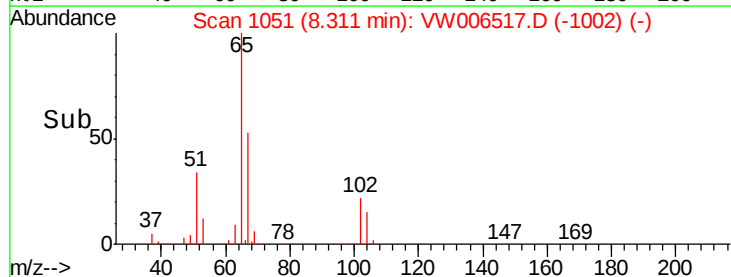
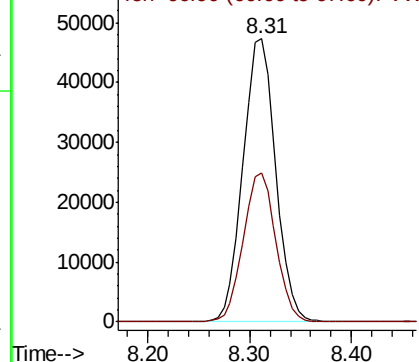
Ion Ratio Lower Upper

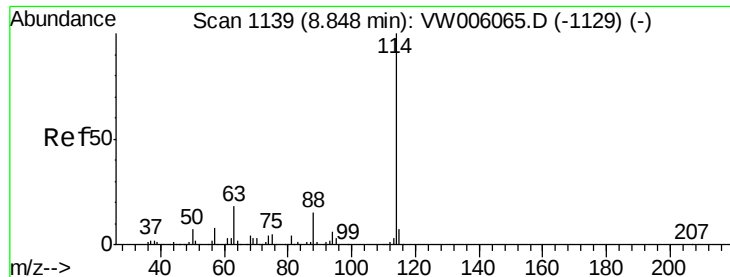
65 100

67 52.6 0.0 101.0



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

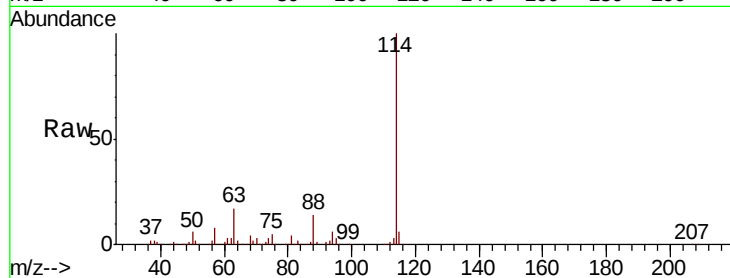




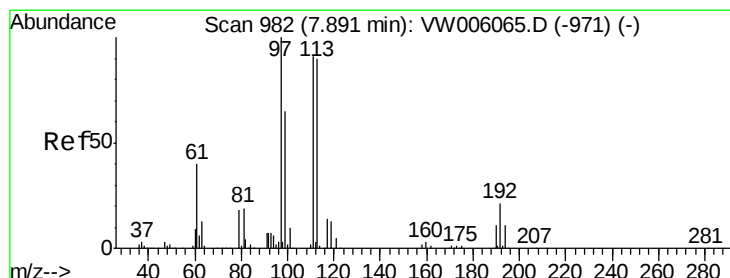
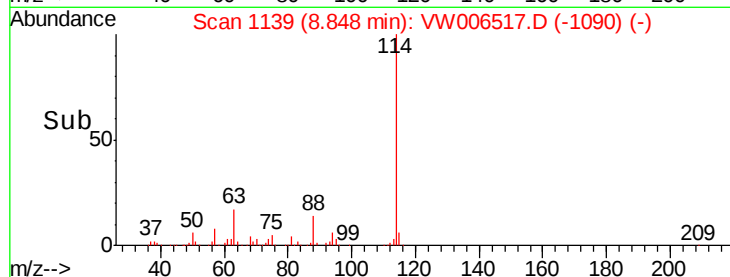
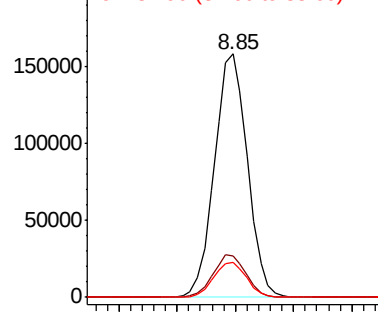
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006517.D
 Acq: 30 Oct 2018 21:53

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-04A

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	36.8
88	14.5	0.0	29.0

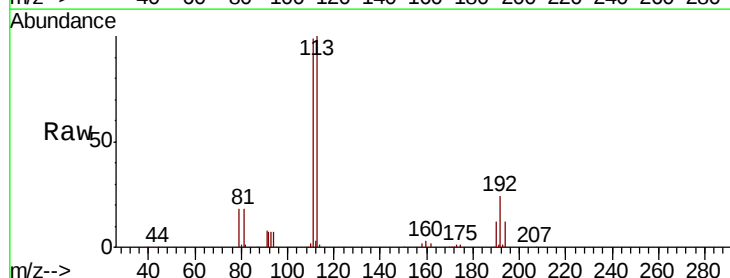


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

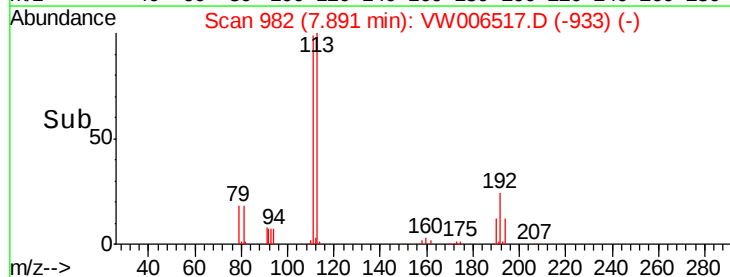
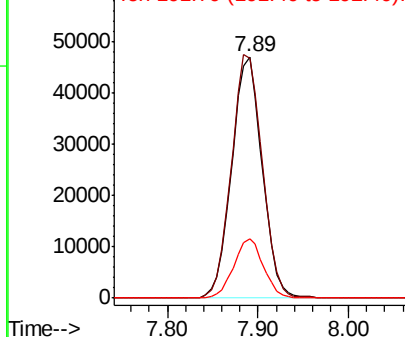


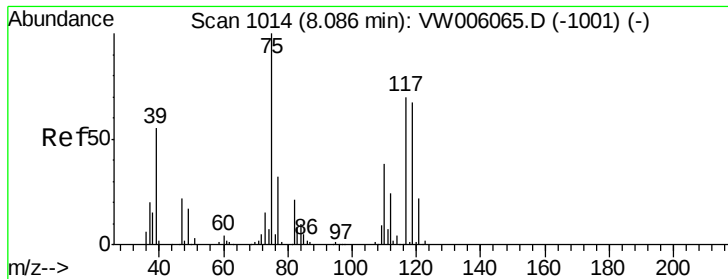
#35
 Dibromofluoromethane
 Concen: 59.166 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006517.D
 Acq: 30 Oct 2018 21:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	23.9	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

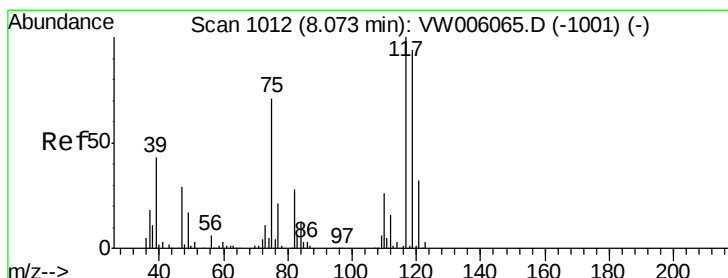
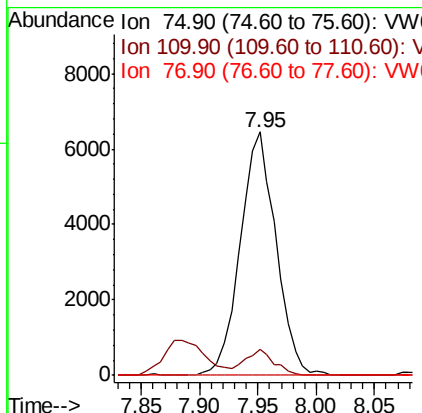
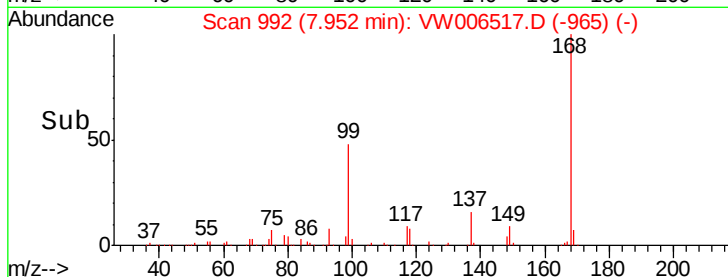
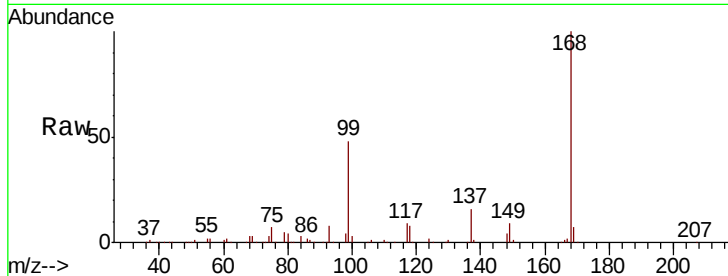




#36
 1,1-Dichloropropene
 Concen: 4.781 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006517.D
 Acq: 30 Oct 2018 21:53

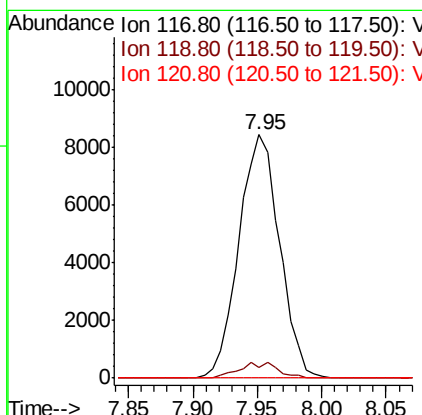
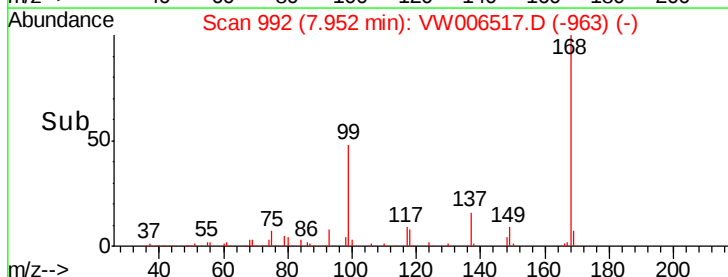
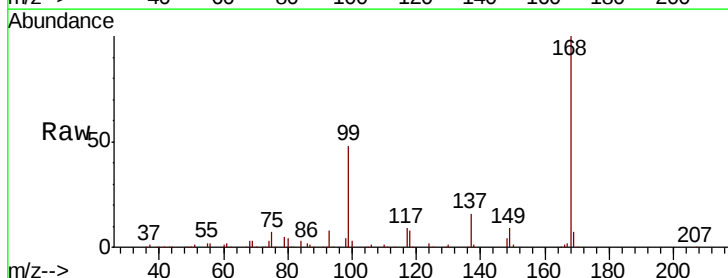
Instrument :
 MSVOA_W
 ClientSampleId :
 DL-04A

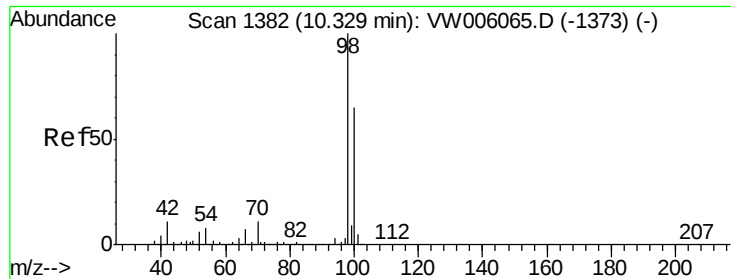
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.825 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006517.D
 Acq: 30 Oct 2018 21:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 57.405 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006517.D

Acq: 30 Oct 2018 21:53

Instrument :

MSVOA_W

ClientSampled :

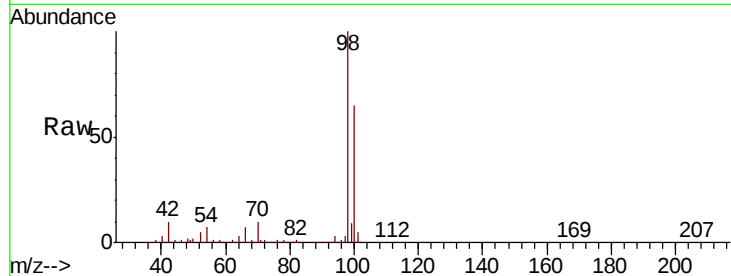
DL-04A

Tot Ion: 98 Resp: 403551

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

250000

200000

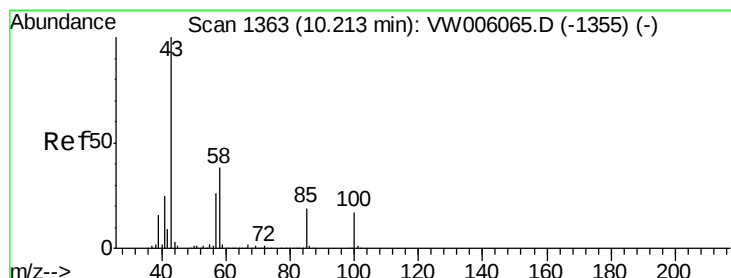
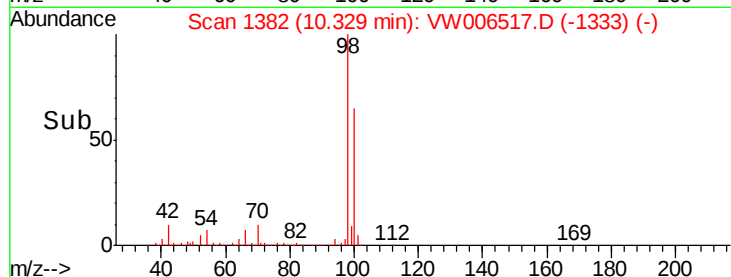
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#51

4-Methyl-2-Pentanone

Concen: 1.222 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006517.D

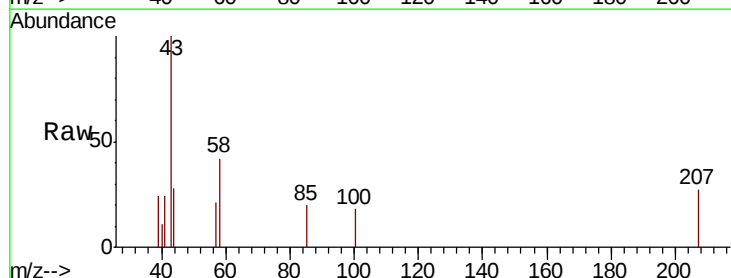
Acq: 30 Oct 2018 21:53

Tgt Ion: 43 Resp: 1341

Ion Ratio Lower Upper

43 100

58 27.7 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

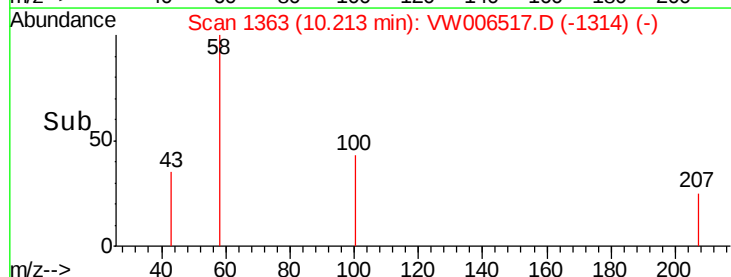
1500

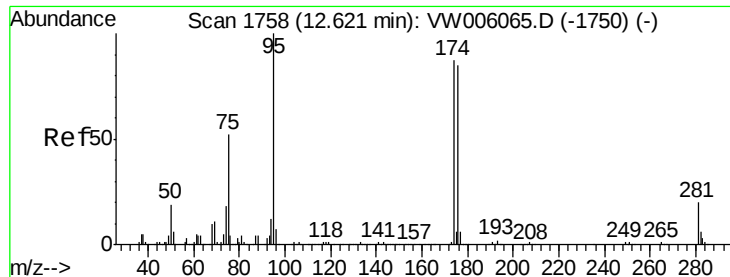
1000

500

0

Time--> 10.20 10.30

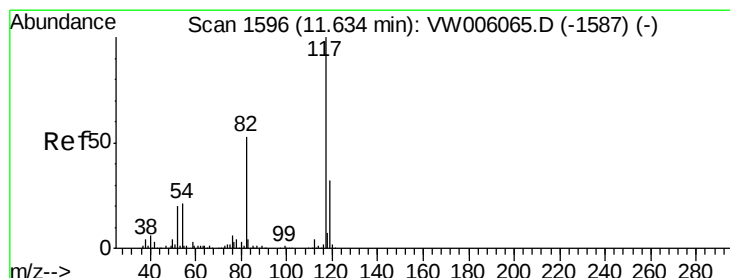
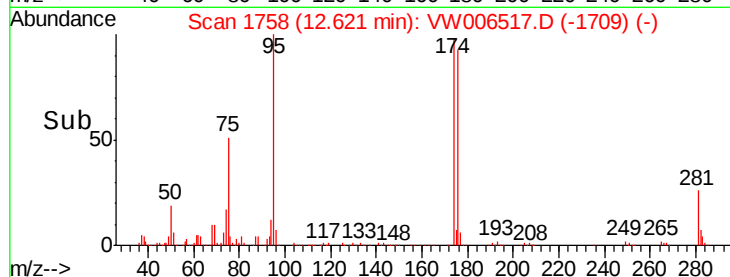
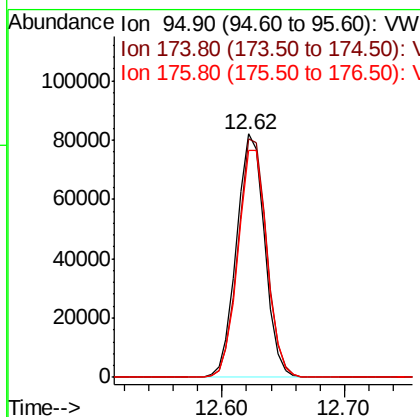
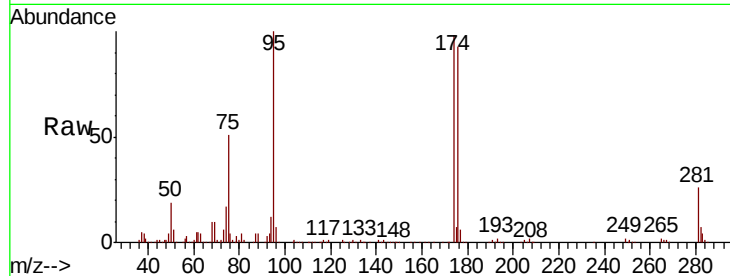




#62
4-Bromofluorobenzene
Concen: 49.247 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006517.D
Acq: 30 Oct 2018 21:53

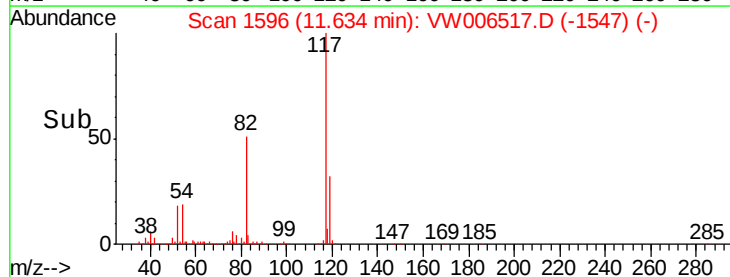
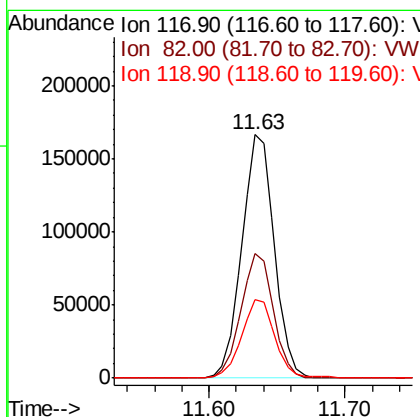
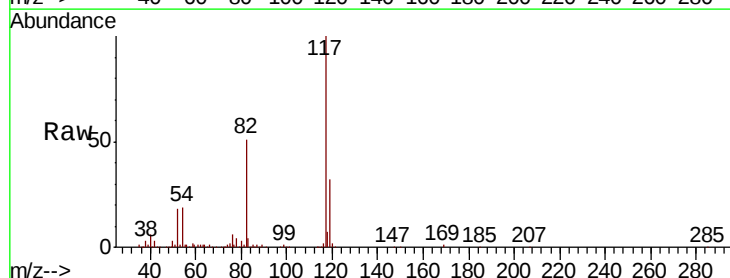
Instrument :
MSVOA_W
ClientSampleId :
DL-04A

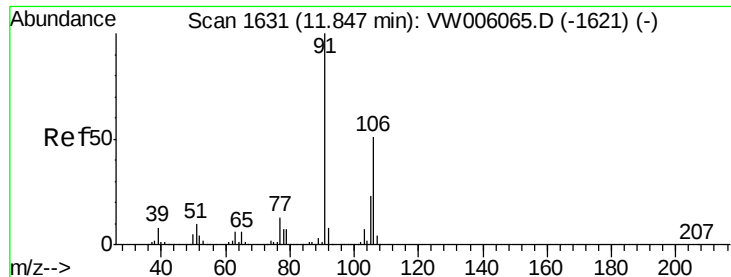
Tot Ion	Ratio	Lower	Upper
95	100		
174	99.8	0.0	186.0
176	96.5	0.0	181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006517.D
Acq: 30 Oct 2018 21:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.1	63.1
119	31.9	25.8	38.6

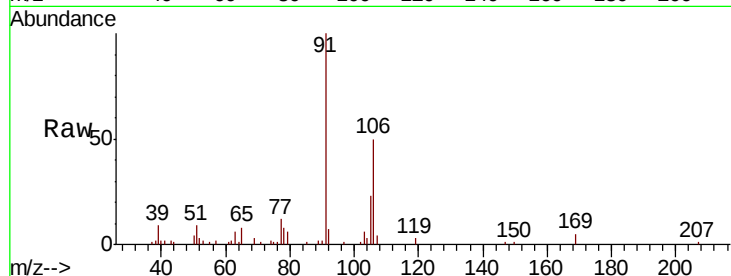




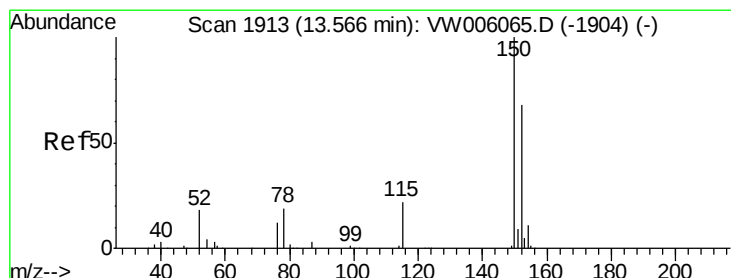
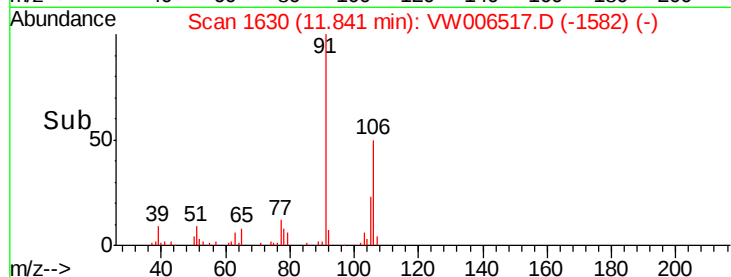
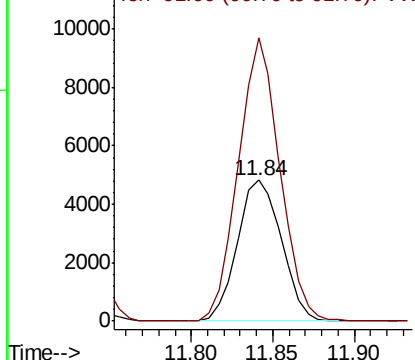
#68
m/p-Xvlenes
Concen: 2.225 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006517.D
Acq: 30 Oct 2018 21:53

Instrument :
MSVOA_W
ClientSampleId :
DL-04A

Tot Ion:106 Resp: 9056
Ion Ratio Lower Upper
106 100
91 189.5 159.1 238.7

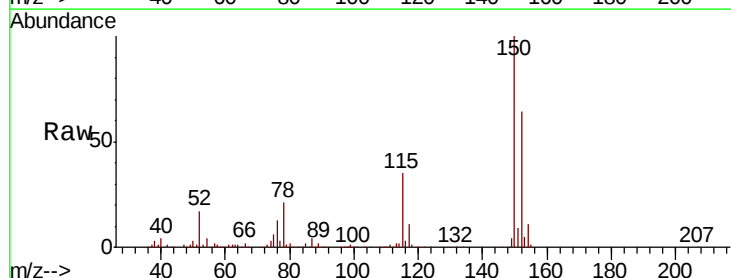


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

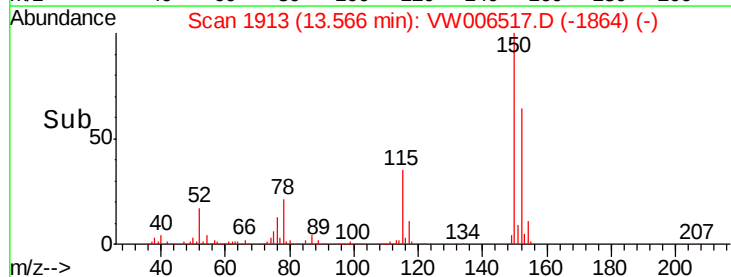
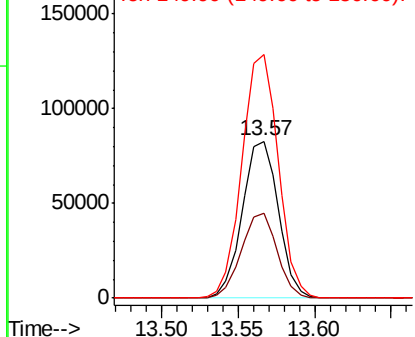


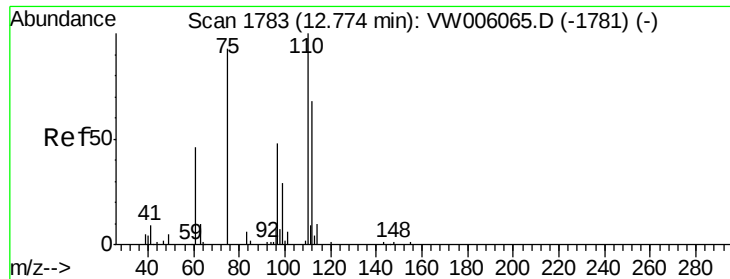
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006517.D
Acq: 30 Oct 2018 21:53

Tgt Ion:152 Resp: 135694
Ion Ratio Lower Upper
152 100
115 53.7 27.8 83.3
150 156.5 0.0 349.2



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

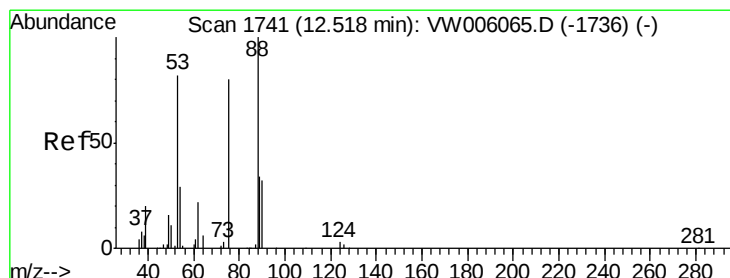
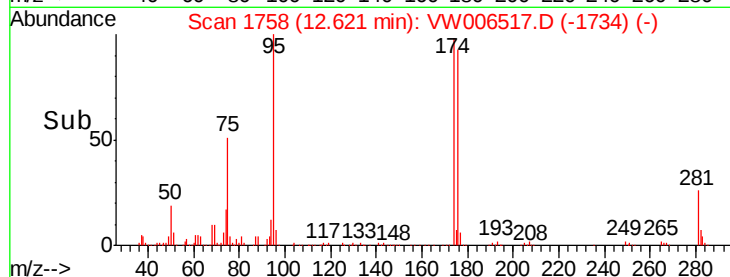
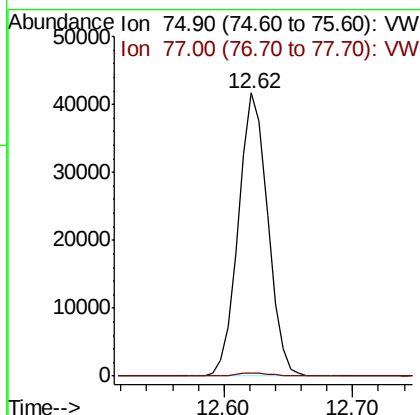
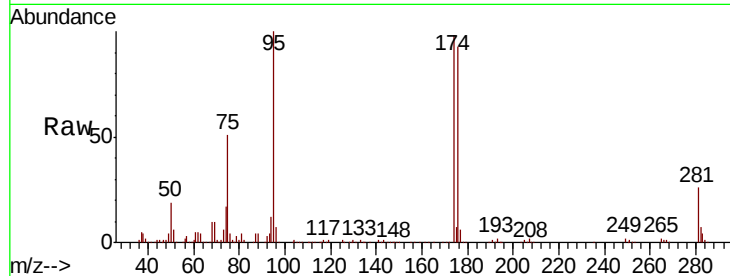




#76
 1,2,3-Trichloropropane
 Concen: 63.479 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006517.D
 Acq: 30 Oct 2018 21:53

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-04A

Tot Ion: 75 Resp: 65792
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.740 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006517.D
 Acq: 30 Oct 2018 21:53

Tgt Ion: 75 Resp: 65792
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.1 37.5 56.3#

