

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006631.D
 Acq On : 05 Nov 2018 13:06
 Operator : SY/AP
 Sample : J5649-04RE
 Misc : 4.07G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-02B

Quant Time: Nov 06 01:22:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

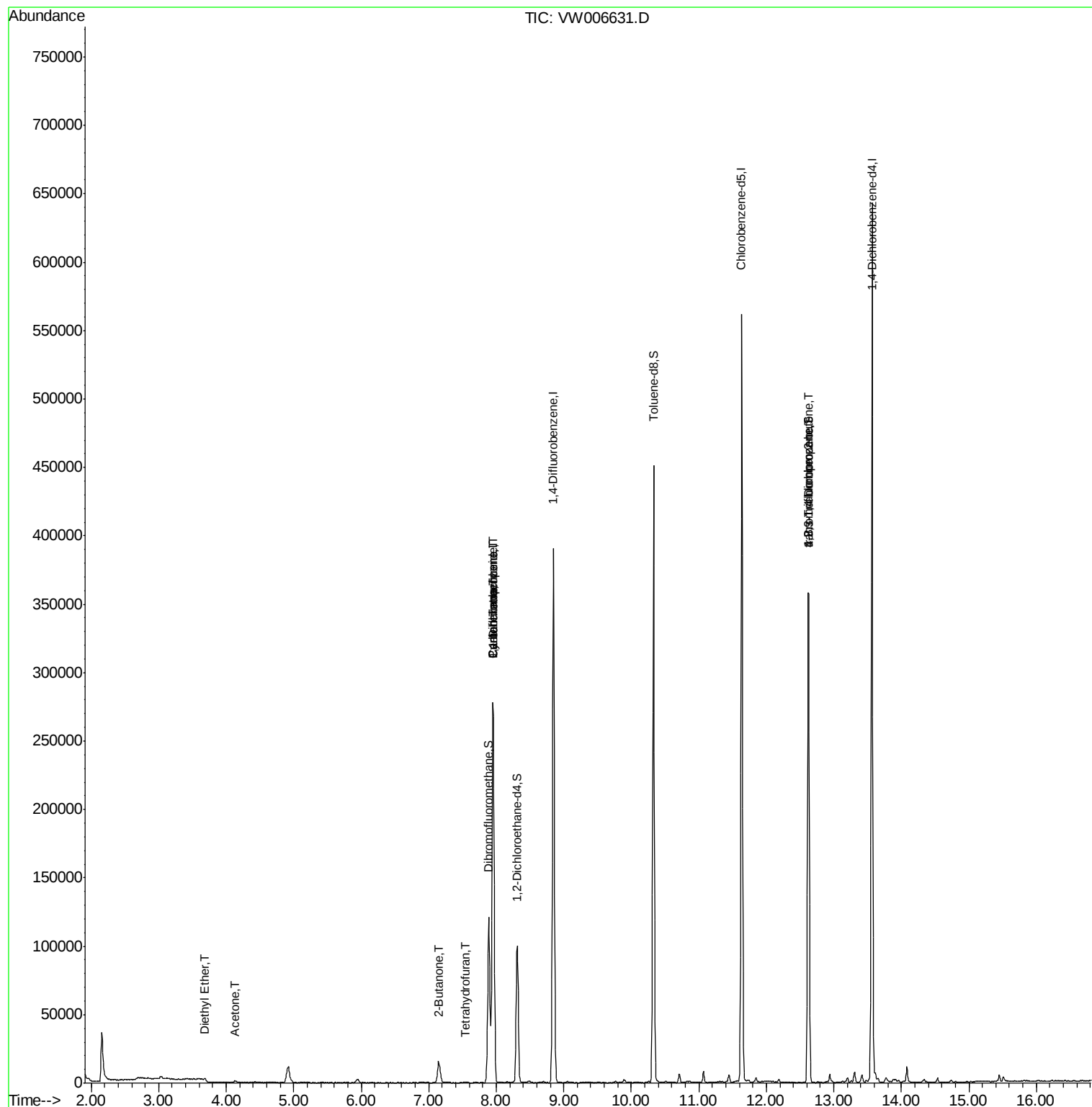
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	355805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	78692	39.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.38%	
35) Dibromofluoromethane	7.89	113	84839	37.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.98%	
50) Toluene-d8	10.33	98	308069	36.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.48%	
62) 4-Bromofluorobenzene	12.62	95	106841	34.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.34%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.69	74	1483	1.468	ug/l	98
16) Acetone	4.14	43	2829	8.726	ug/l	90
20) Methylene Chloride	4.92	84	9662	Below Cal	#	94
25) 2-Butanone	7.15	43	1003	2.168	ug/l #	46
29) Tetrahydrofuran	7.54	42	457	1.570	ug/l #	73
31) Cyclohexane	7.95	56	3785	1.183	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	14504	4.635	ug/l #	47
38) Carbon Tetrachloride	7.95	117	20353	6.225	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	52532	38.190	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	52532	96.299	ug/l #	11

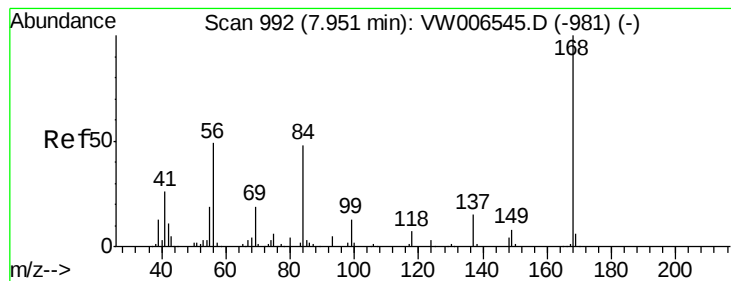
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006631.D

Acq: 05 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampled :

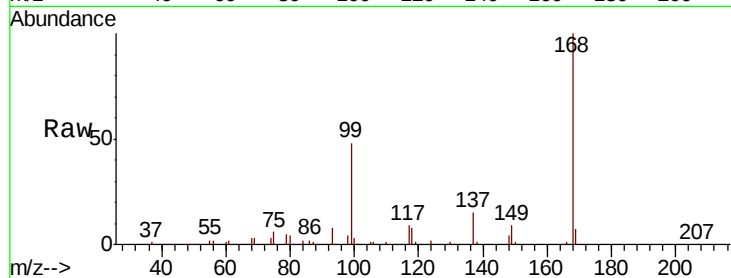
DL-02B

Tgt Ion:168 Resp: 233619

Ion Ratio Lower Upper

168 100

99 47.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

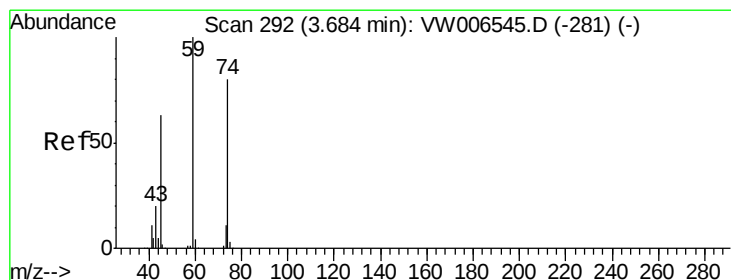
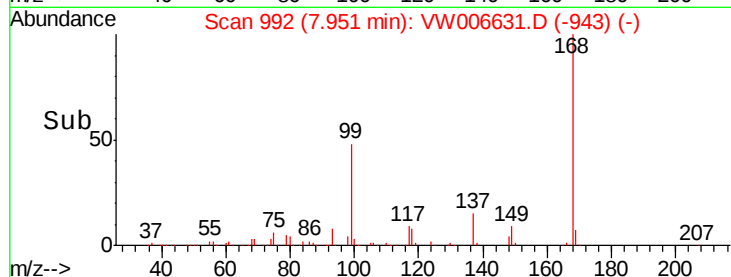
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.468 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW006631.D

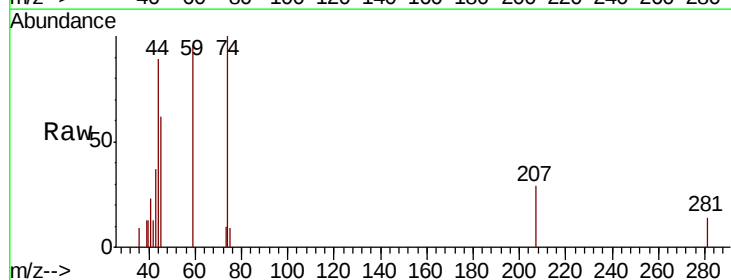
Acq: 05 Nov 2018 13:06

Tgt Ion: 74 Resp: 1483

Ion Ratio Lower Upper

74 100

45 80.5 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

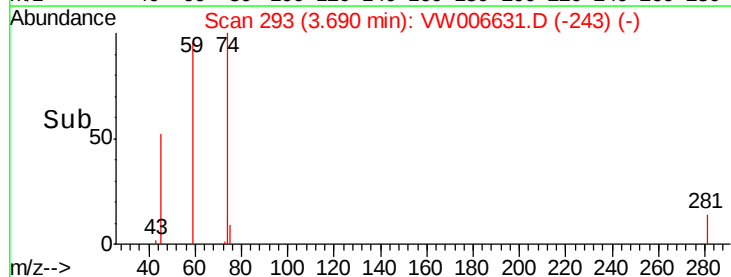
600

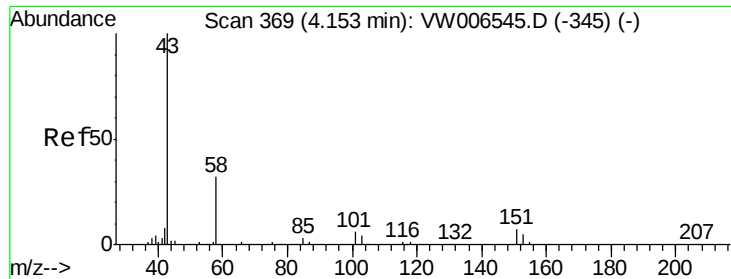
400

200

0

Time-->

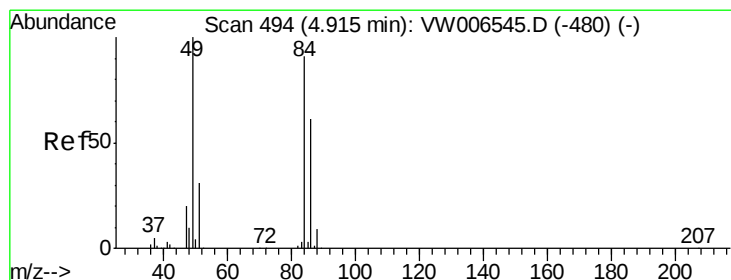
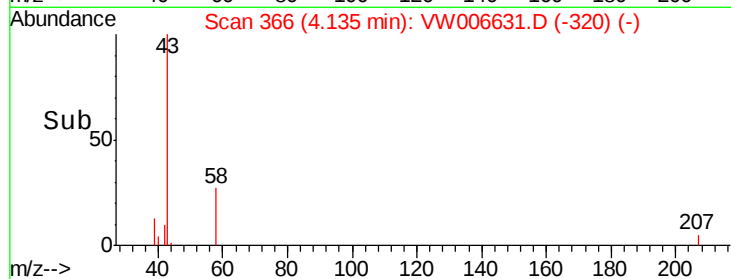
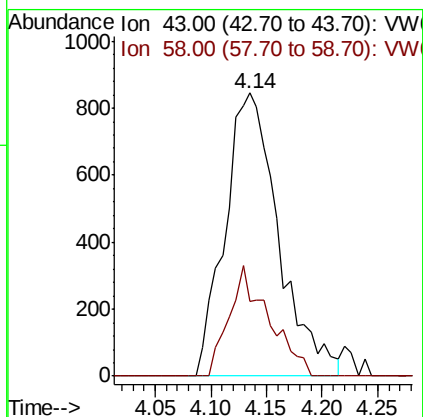
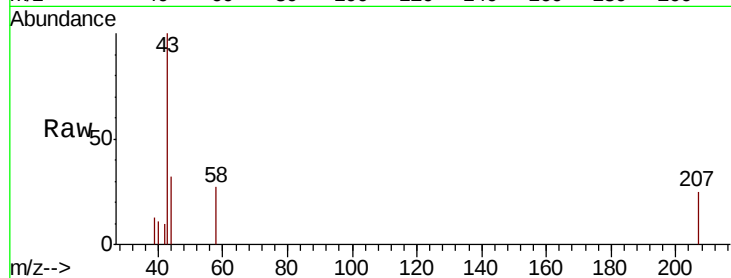




#16
Acetone
Concen: 8.726 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: VW006631.D
Acq: 05 Nov 2018 13:06

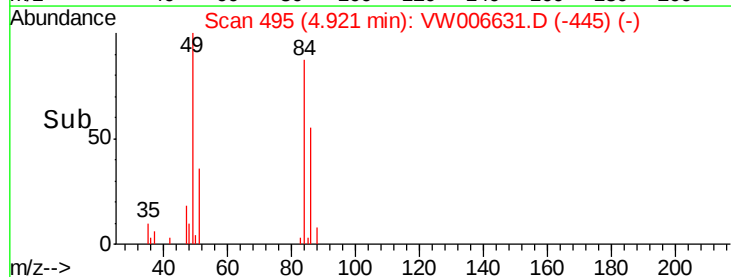
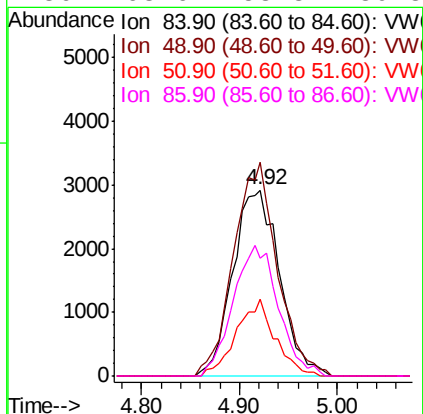
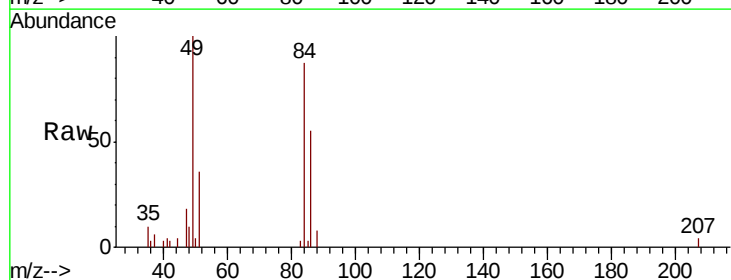
Instrument :
MSVOA_W
ClientSampleId :
DL-02B

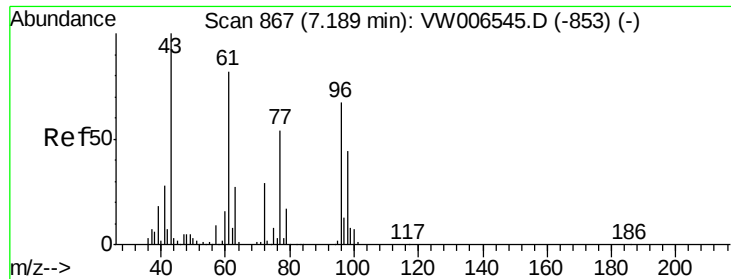
Tgt Ion: 43 Resp: 2829
Ion Ratio Lower Upper
43 100
58 26.6 25.8 38.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006631.D
Acq: 05 Nov 2018 13:06

Tgt Ion: 84 Resp: 9662
Ion Ratio Lower Upper
84 100
49 115.0 88.2 132.4
51 41.1 27.0 40.6#
86 63.6 53.8 80.8





#25

2-Butanone

Concen: 2.168 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006631.D

Acq: 05 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

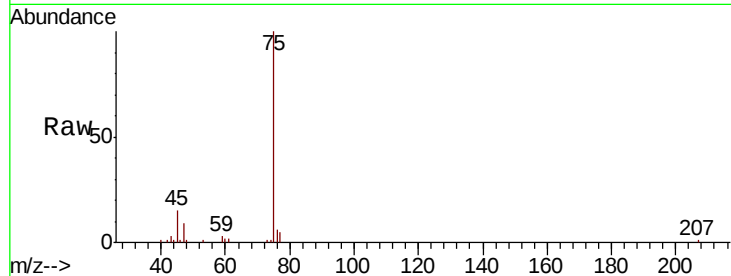
DL-02B

Tgt Ion: 43 Resp: 1003

Ion Ratio Lower Upper

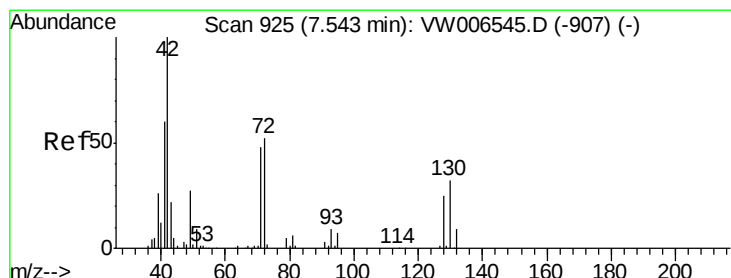
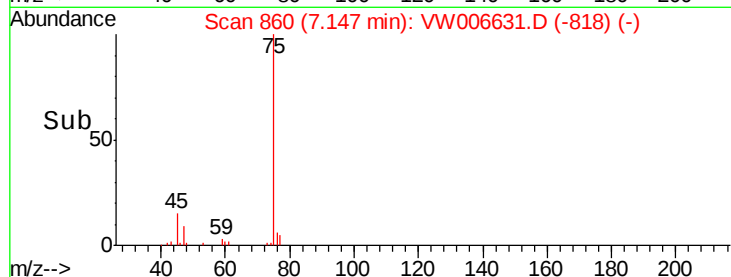
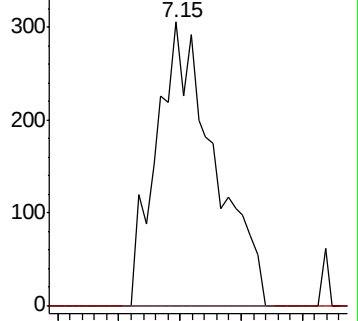
43 100

72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.570 ug/l

RT: 7.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: VW006631.D

Acq: 05 Nov 2018 13:06

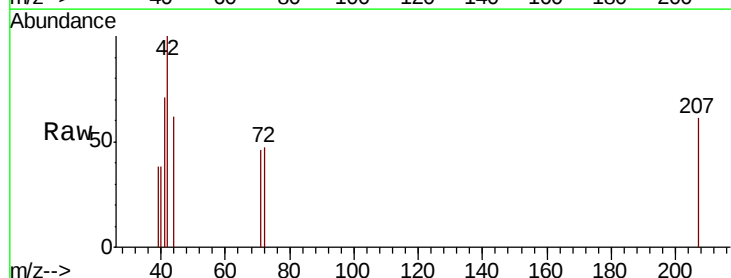
Tgt Ion: 42 Resp: 457

Ion Ratio Lower Upper

42 100

72 37.2 39.2 58.8#

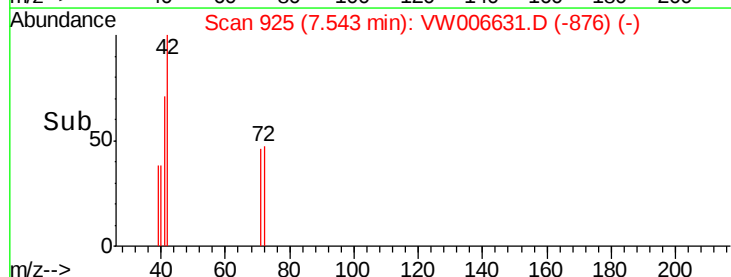
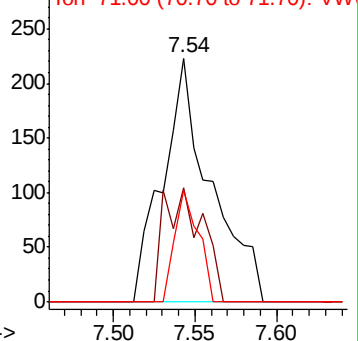
71 22.5 37.6 56.4#

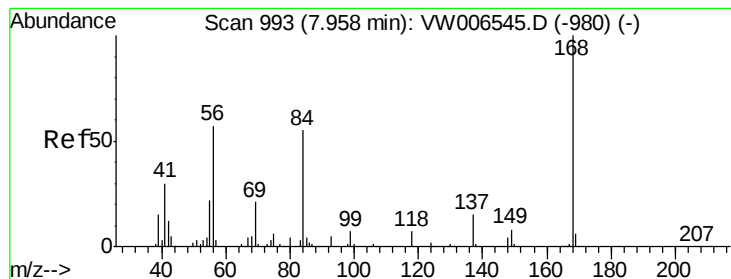


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.183 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006631.D

Acq: 05 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampled :

DL-02B

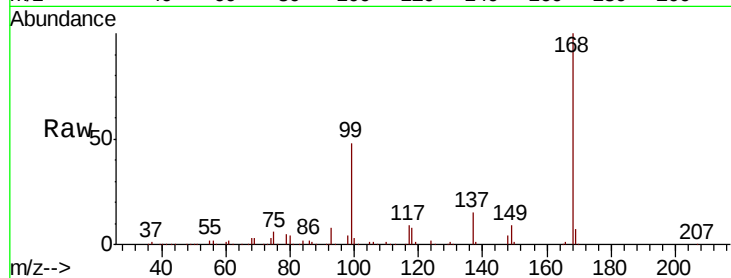
Tgt Ion: 56 Resp: 3785

Ion Ratio Lower Upper

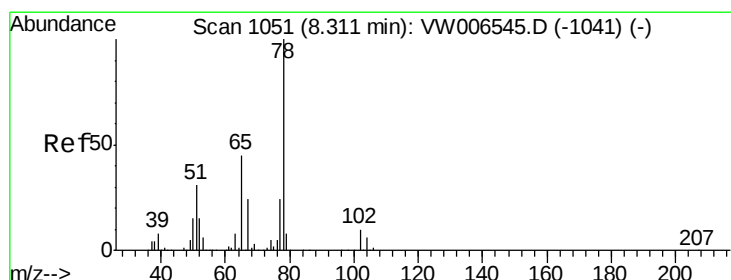
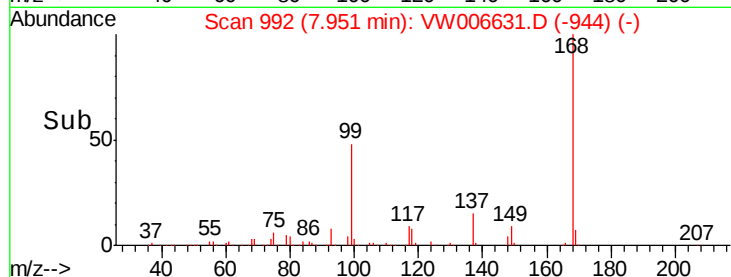
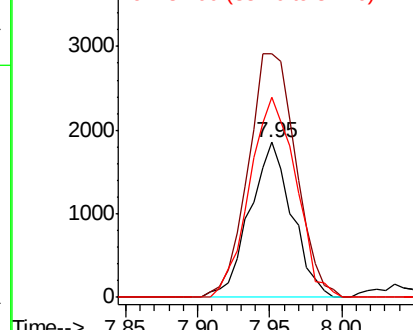
56 100

69 157.3 29.0 43.4#

84 128.9 77.8 116.6#



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: 39.186 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006631.D

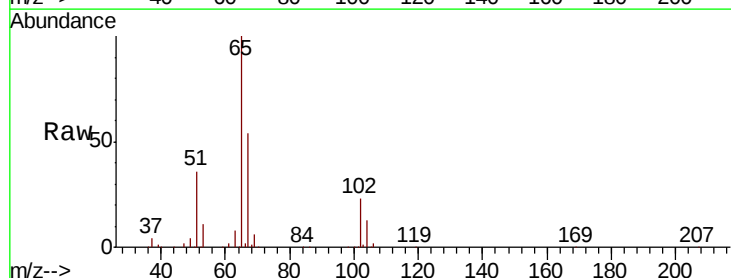
Acq: 05 Nov 2018 13:06

Tgt Ion: 65 Resp: 78692

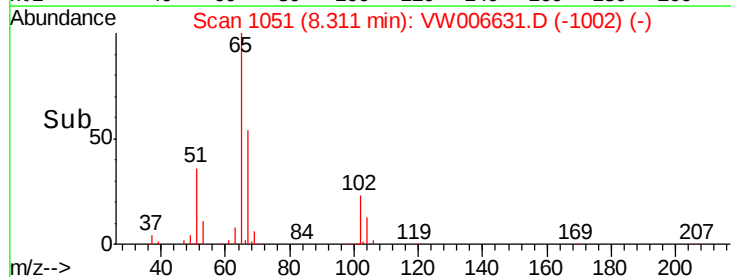
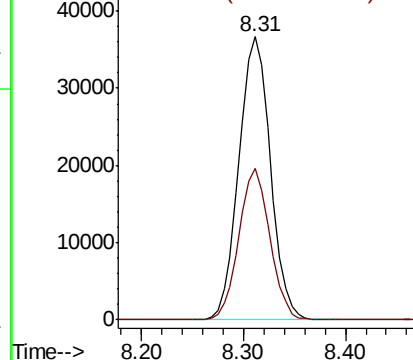
Ion Ratio Lower Upper

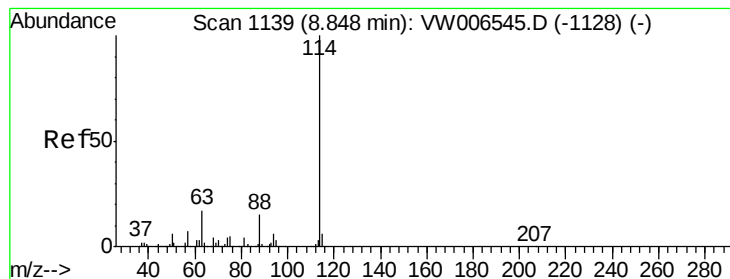
65 100

67 52.3 0.0 104.4



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: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006631.D

Acq: 05 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

DL-02B

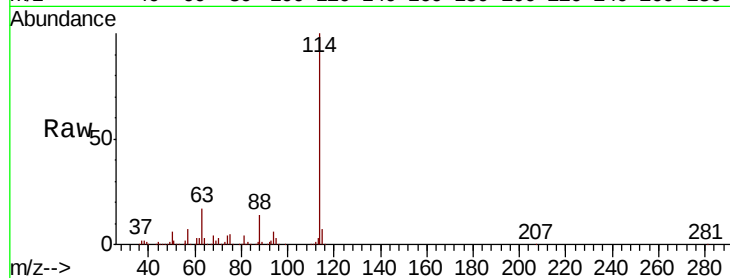
Tgt Ion:114 Resp: 355805

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

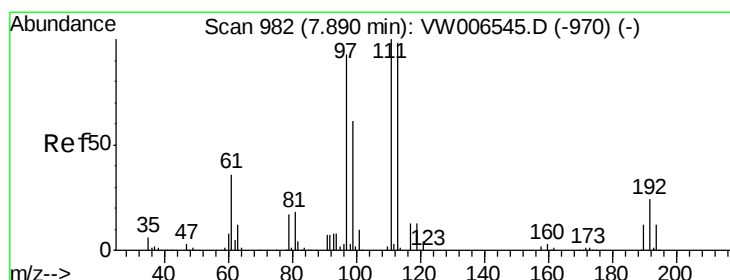
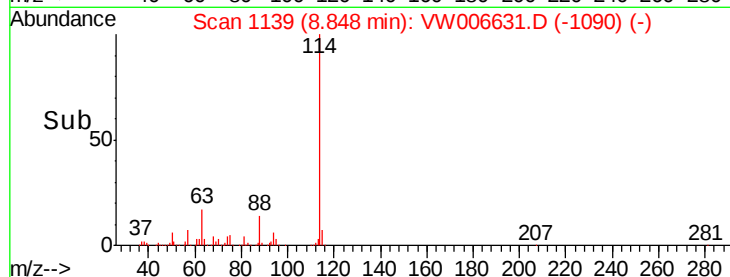
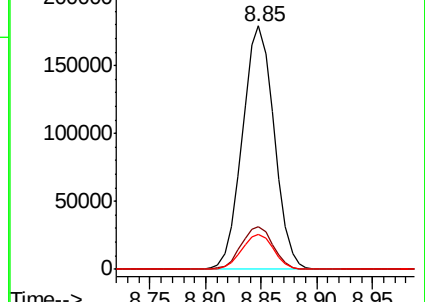
88 14.3 0.0 29.0



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: 37.994 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006631.D

Acq: 05 Nov 2018 13:06

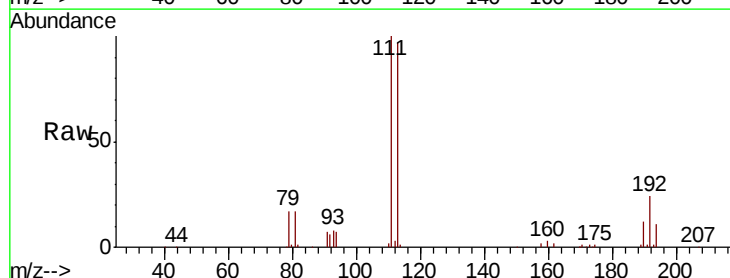
Tgt Ion:113 Resp: 84839

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

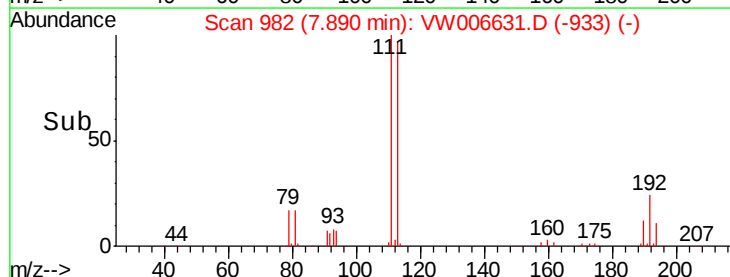
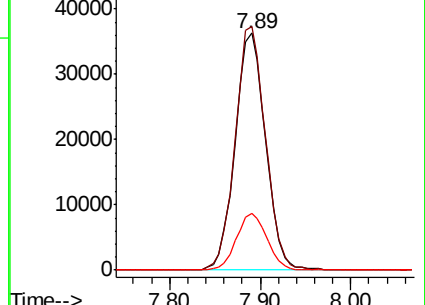
192 24.1 19.0 28.6

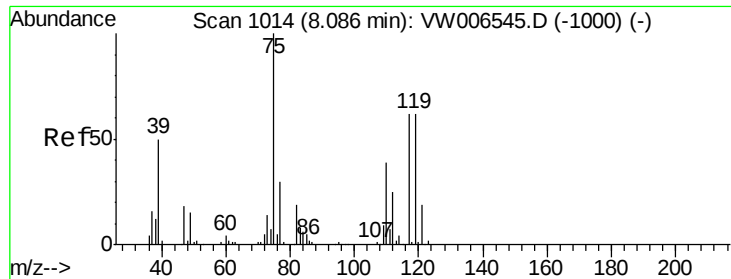


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

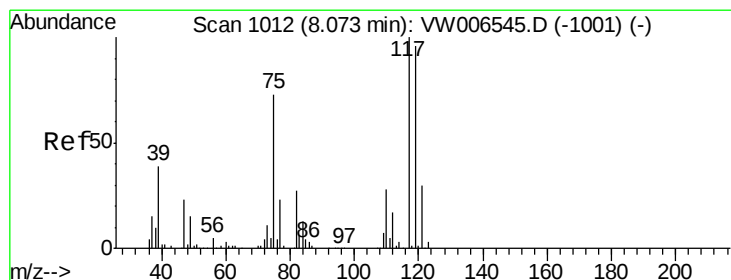
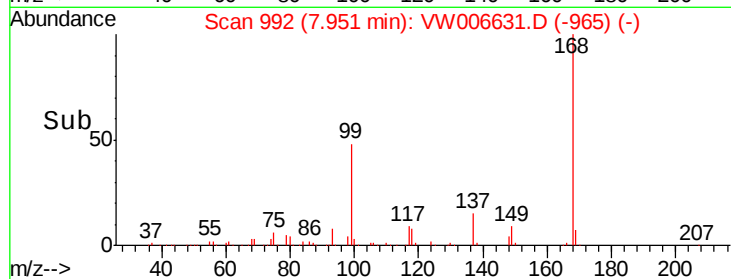
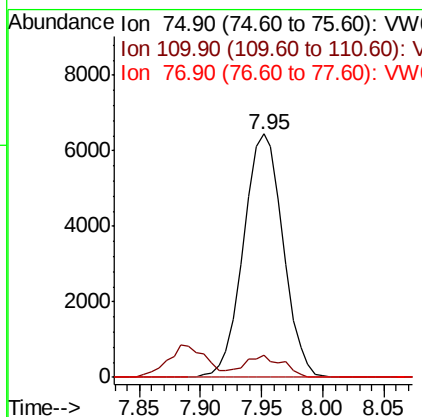
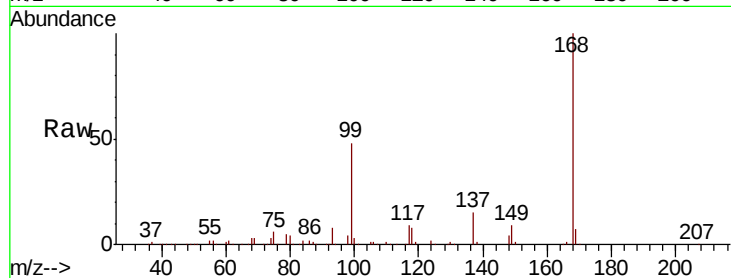




#36
 1,1-Dichloropropene
 Concen: 4.635 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006631.D
 Acq: 05 Nov 2018 13:06

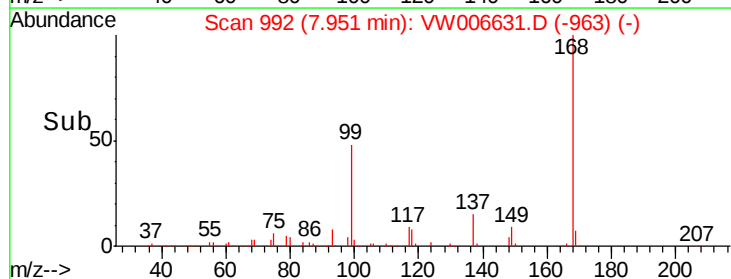
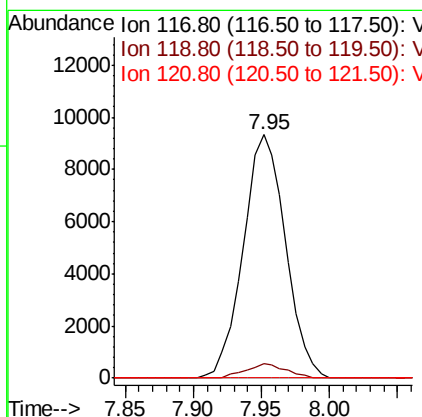
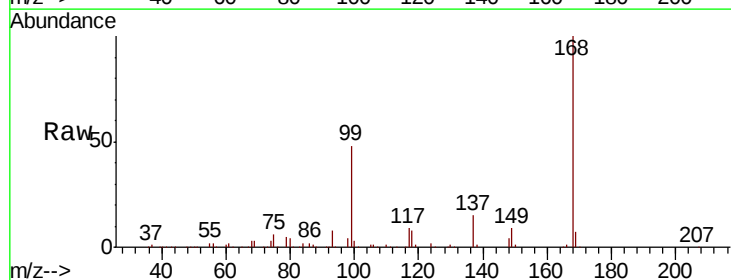
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 MSVOA_W
 ClientSampleId :
 DL-02B

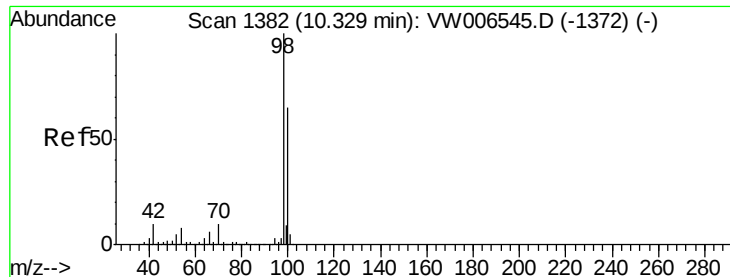
Tgt Ion: 75 Resp: 14504
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.225 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006631.D
 Acq: 05 Nov 2018 13:06

Tgt Ion: 117 Resp: 20353
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.3 114.5#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 36.241 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006631.D

Acq: 05 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

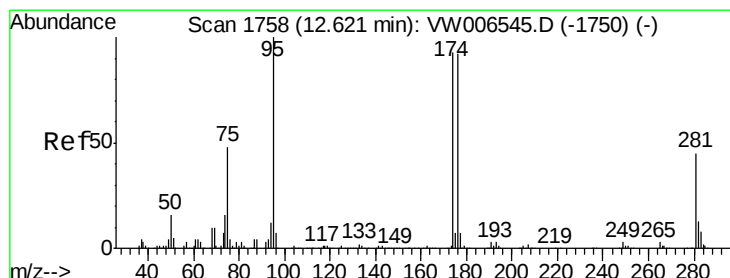
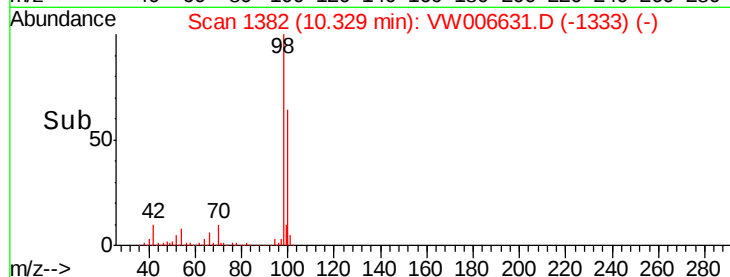
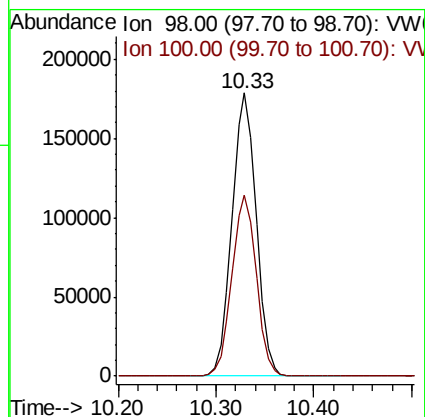
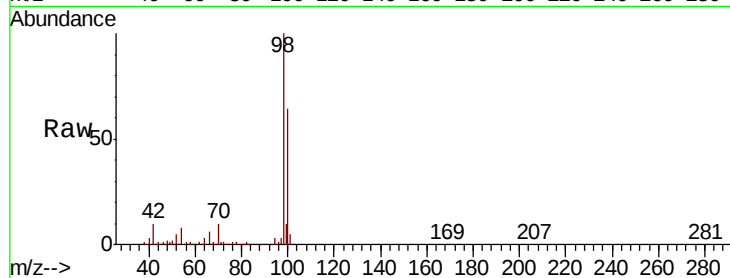
DL-02B

Tgt Ion: 98 Resp: 308069

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 34.669 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006631.D

Acq: 05 Nov 2018 13:06

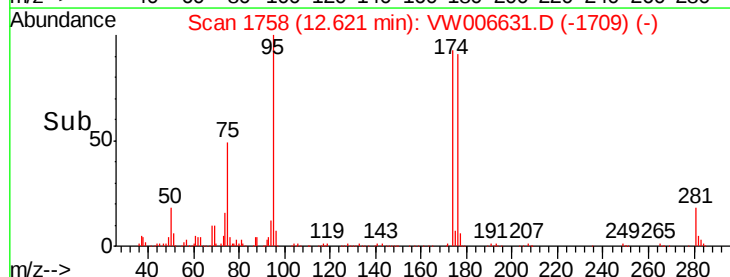
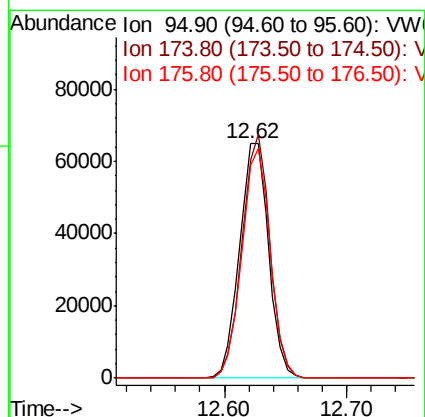
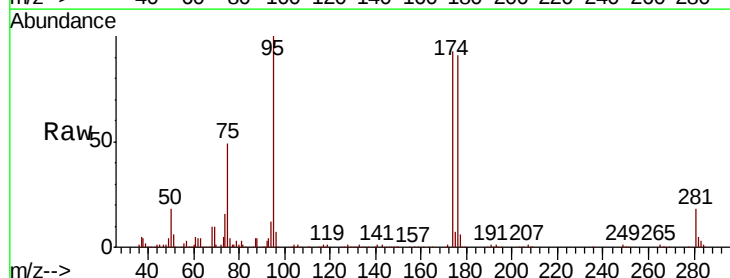
Tgt Ion: 95 Resp: 106841

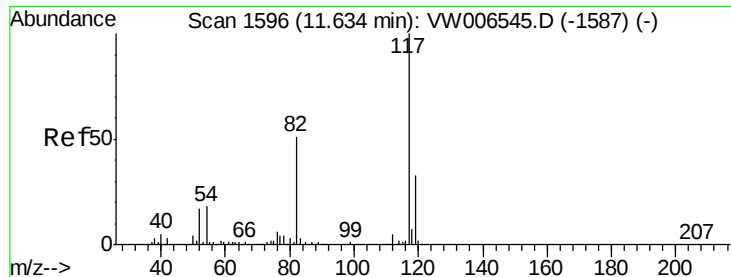
Ion Ratio Lower Upper

95 100

174 99.8 0.0 192.4

176 95.9 0.0 187.4

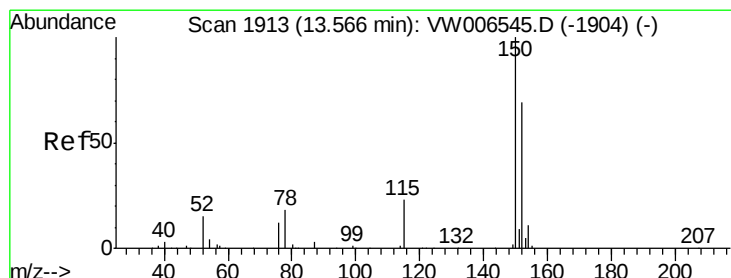
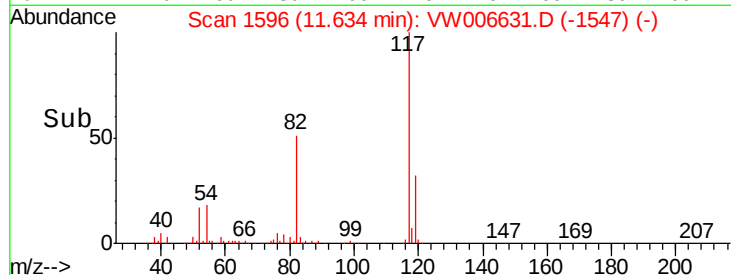
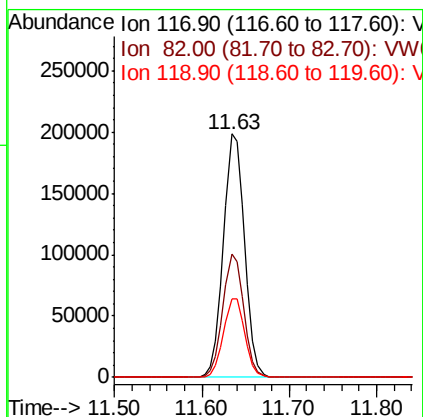
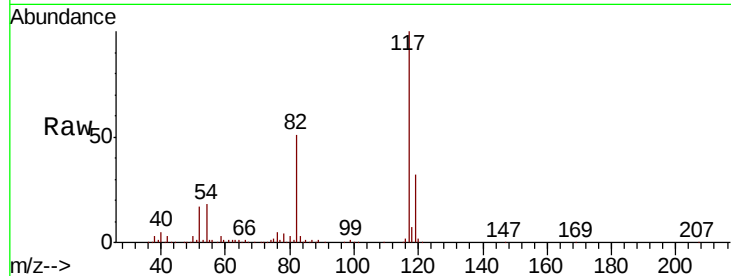




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006631.D
Acq: 05 Nov 2018 13:06

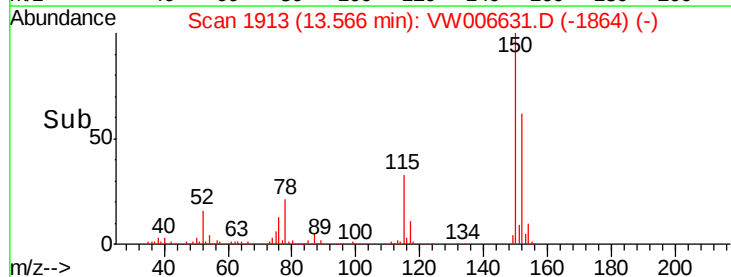
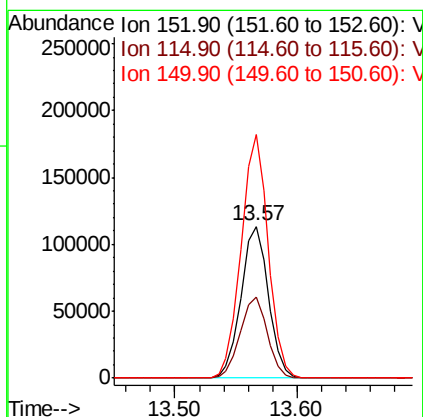
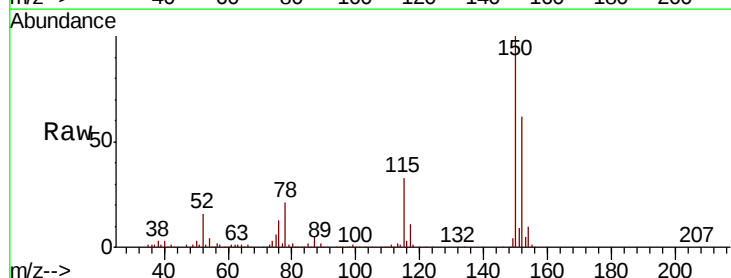
Instrument :
MSVOA_W
ClientSampled :
DL-02B

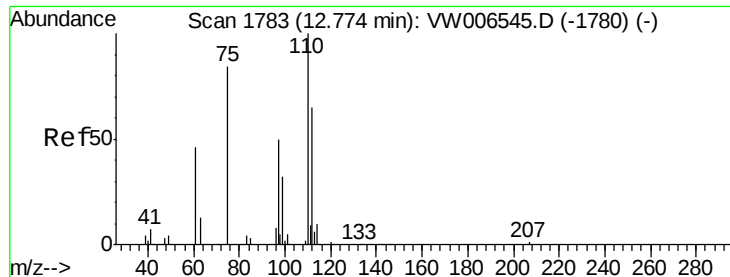
Tgt Ion:117 Resp: 331740
Ion Ratio Lower Upper
117 100
82 50.7 40.8 61.2
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006631.D
Acq: 05 Nov 2018 13:06

Tgt Ion:152 Resp: 176301
Ion Ratio Lower Upper
152 100
115 52.9 26.6 79.8
150 157.5 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 38.190 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006631.D

Acq: 05 Nov 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

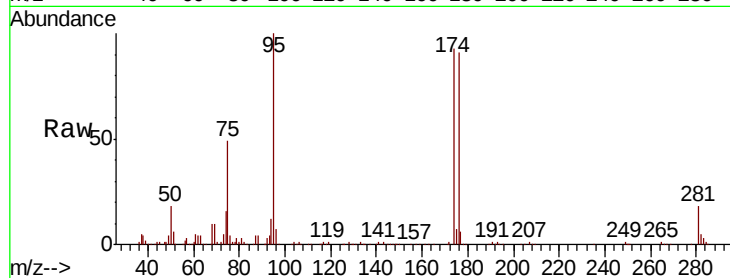
DL-02B

Tgt Ion: 75 Resp: 52532

Ion Ratio Lower Upper

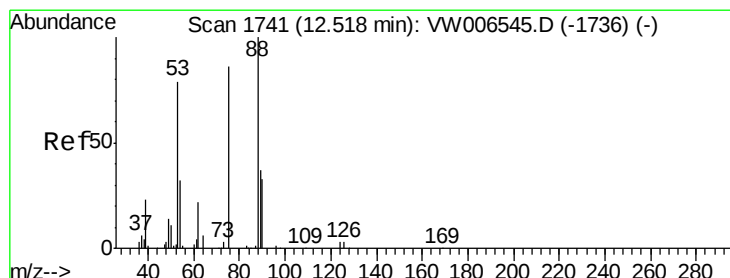
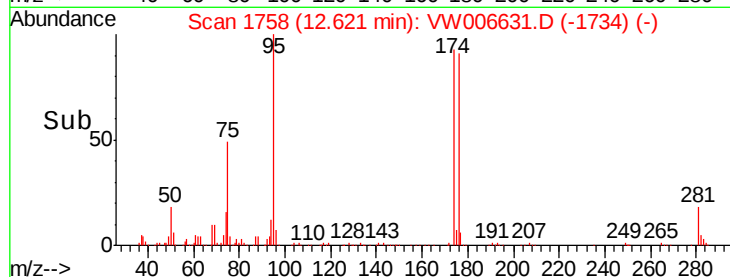
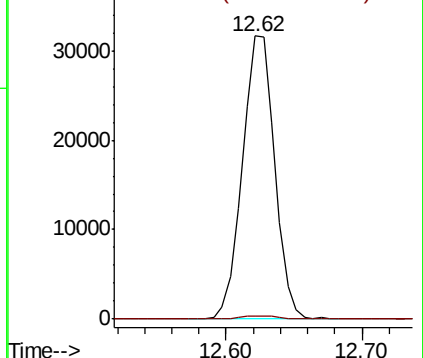
75 100

77 1.2 0.0 0.0#



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: 96.299 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006631.D

Acq: 05 Nov 2018 13:06

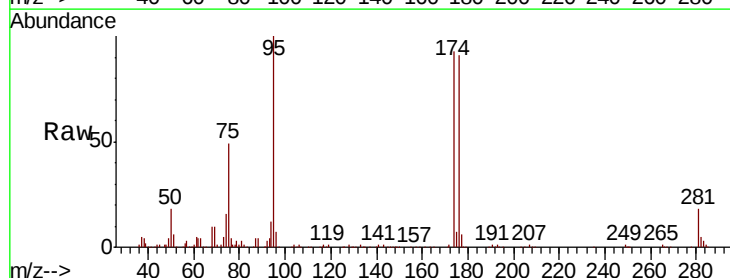
Tgt Ion: 75 Resp: 52532

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



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

