

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006591.D
 Acq On : 02 Nov 2018 06:45
 Operator : SY/AP
 Sample : J5734-01RE
 Misc : 4.84G/5ML/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-21(6-8)

Quant Time: Nov 02 08:00:45 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

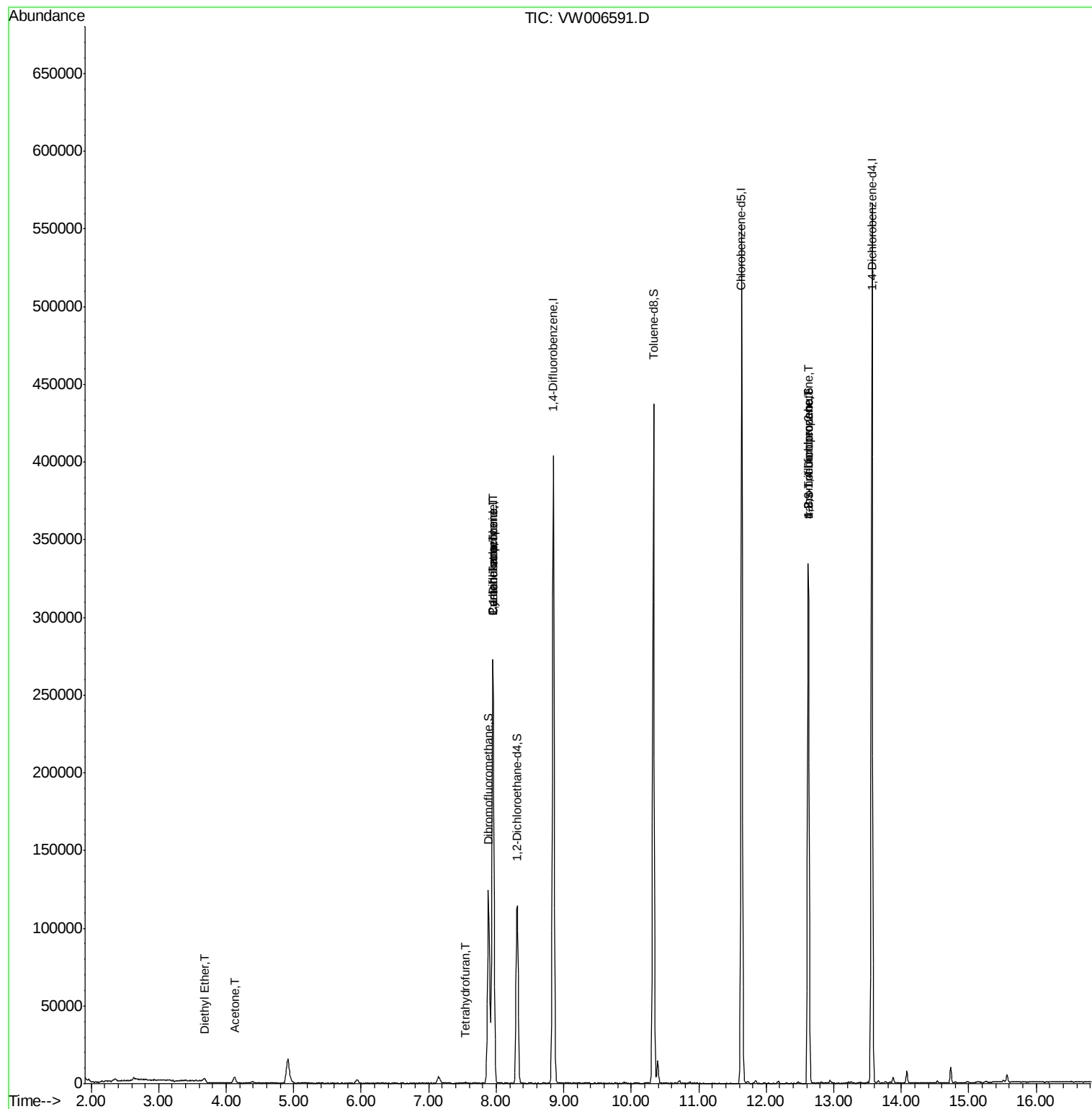
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	360375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	157908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	91699	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
35) Dibromofluoromethane	7.88	113	88218	39.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.02%	
50) Toluene-d8	10.33	98	306662	35.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.24%	
62) 4-Bromofluorobenzene	12.62	95	100706	32.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.52%	
Target Compounds						
8) Diethyl Ether	3.68	74	1507	1.540	ug/l	73
16) Acetone	4.12	43	6976	22.212	ug/l #	86
29) Tetrahydrofuran	7.54	42	450	1.596	ug/l #	59
31) Cyclohexane	7.95	56	3763	1.214	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	14175	4.473	ug/l #	47
38) Carbon Tetrachloride	7.95	117	19641	5.931	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	50055	40.628	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50055	102.276	ug/l #	11

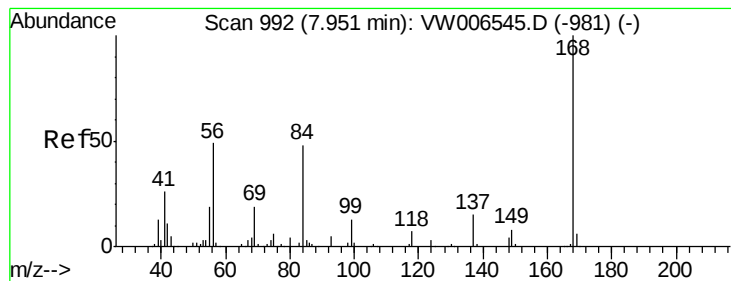
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
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B-21(6-8)

Quant Time: Nov 02 08:00:45 2018
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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: VW006591.D

Acq: 02 Nov 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

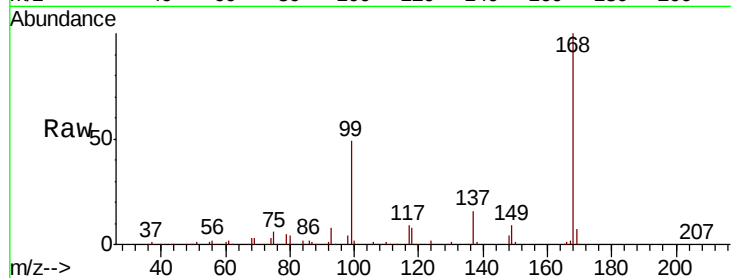
B-21(6-8)

Tgt Ion:168 Resp: 226301

Ion Ratio Lower Upper

168 100

99 48.7 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

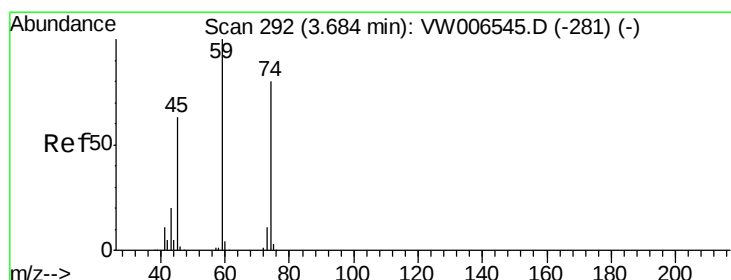
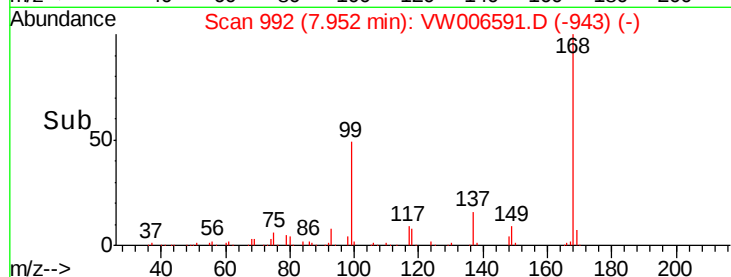
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.540 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006591.D

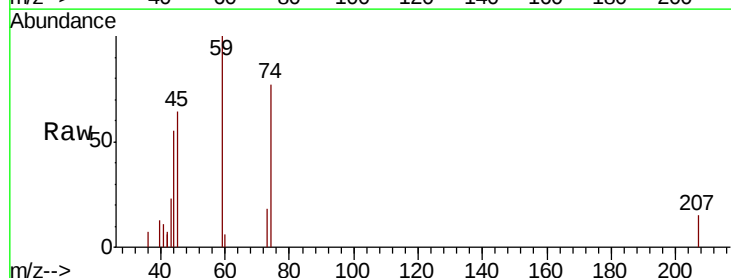
Acq: 02 Nov 2018 06:45

Tgt Ion: 74 Resp: 1507

Ion Ratio Lower Upper

74 100

45 106.9 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

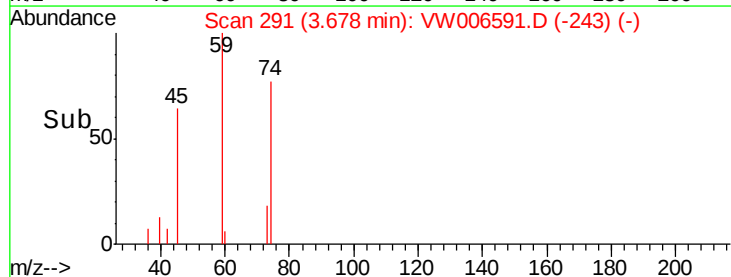
600

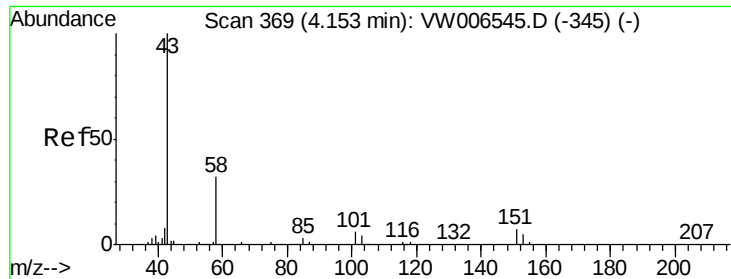
400

200

0

Time-->

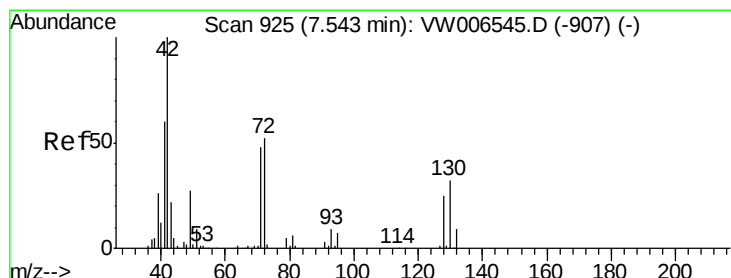
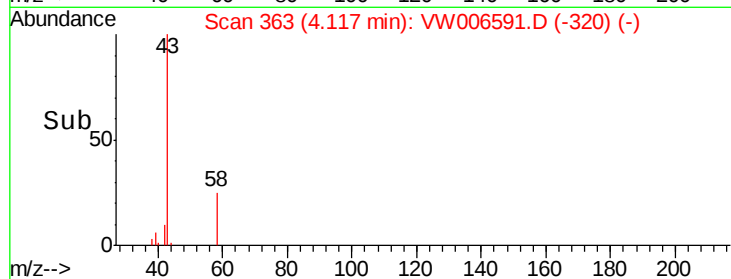
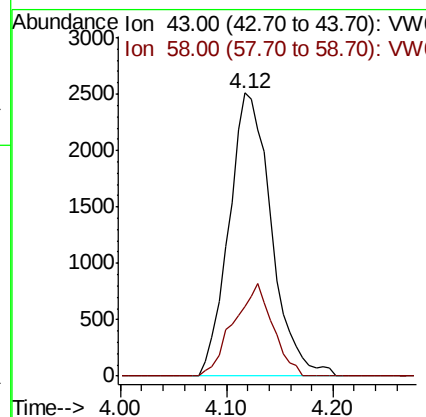
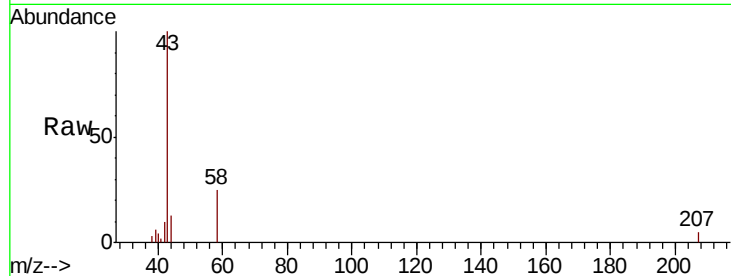




#16
Acetone
Concen: 22.212 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.04 min
Lab File: VW006591.D
Acq: 02 Nov 2018 06:45

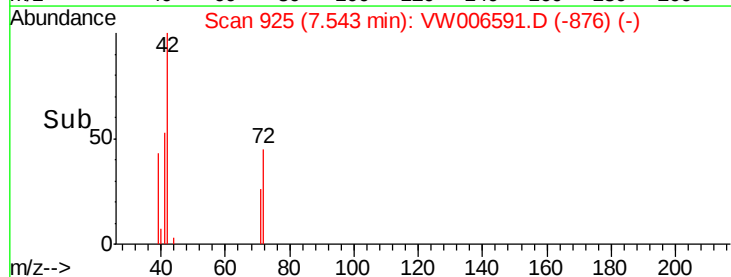
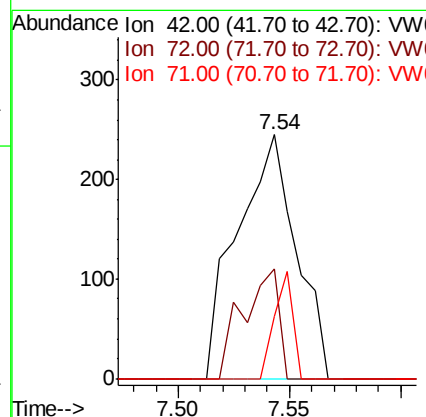
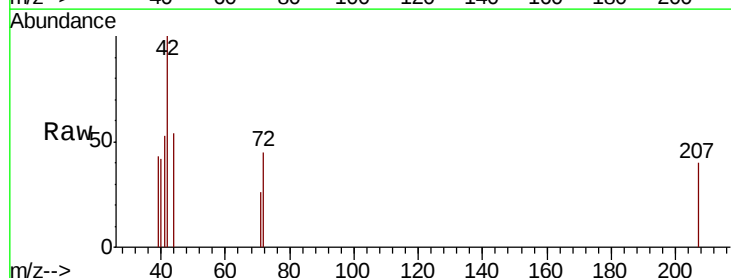
Instrument :
MSVOA_W
ClientSampled :
B-21(6-8)

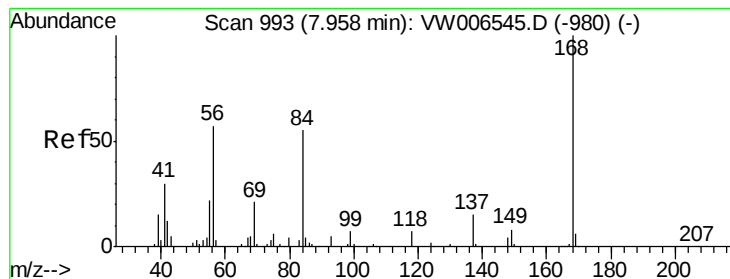
Tgt Ion: 43 Resp: 6976
Ion Ratio Lower Upper
43 100
58 24.5 25.8 38.8#



#29
Tetrahydrofuran
Concen: 1.596 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006591.D
Acq: 02 Nov 2018 06:45

Tgt Ion: 42 Resp: 450
Ion Ratio Lower Upper
42 100
72 27.3 39.2 58.8#
71 13.8 37.6 56.4#





#31

Cyclohexane

Concen: 1.214 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006591.D

Acq: 02 Nov 2018 06:45

Instrument :

MSVOA_W

ClientSampled :

B-21(6-8)

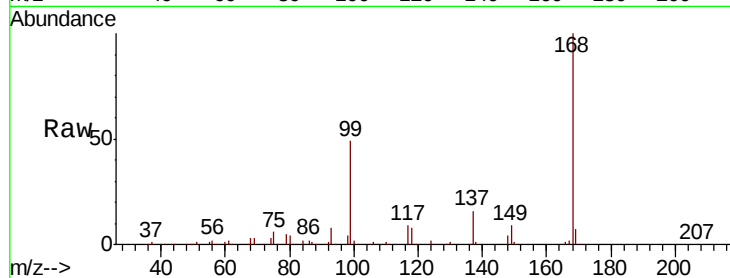
Tgt Ion: 56 Resp: 3763

Ion Ratio Lower Upper

56 100

69 151.4 29.0 43.4#

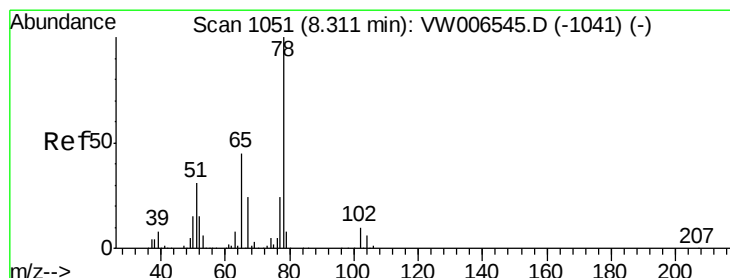
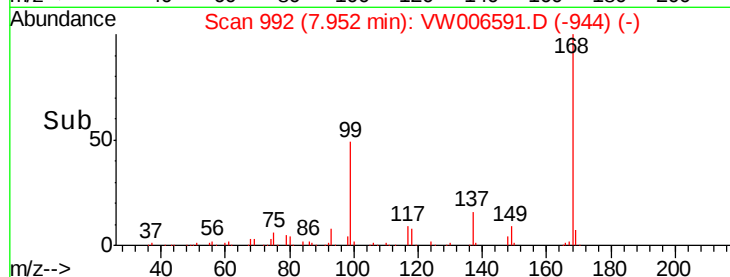
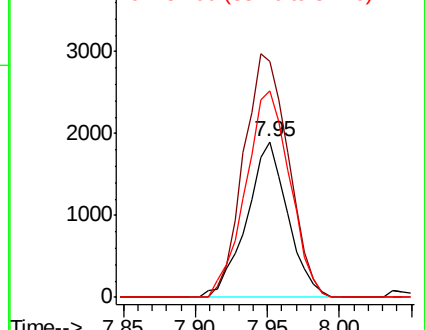
84 133.0 77.8 116.6#



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: 47.139 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006591.D

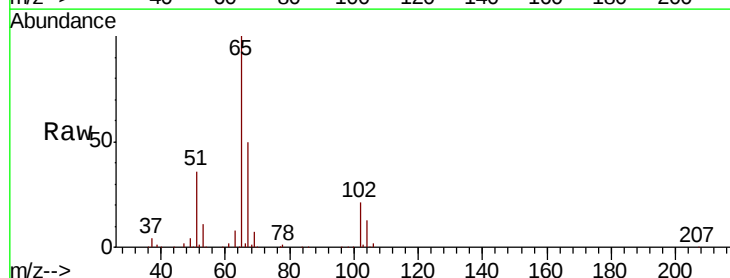
Acq: 02 Nov 2018 06:45

Tgt Ion: 65 Resp: 91699

Ion Ratio Lower Upper

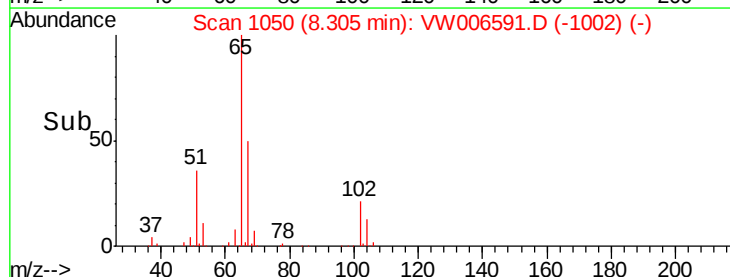
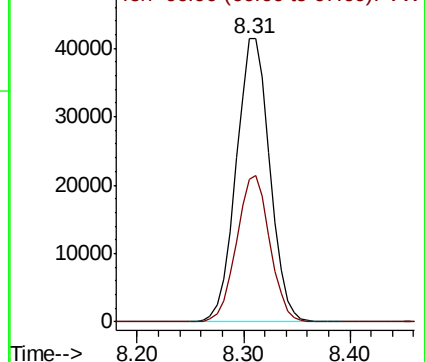
65 100

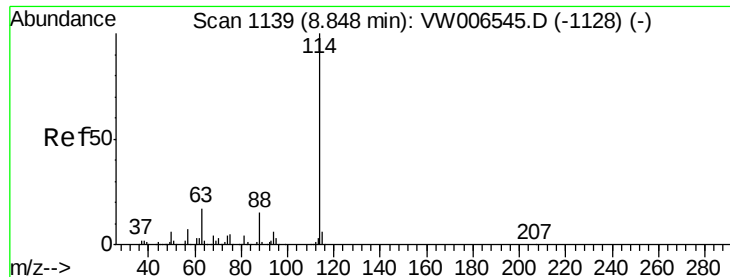
67 51.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

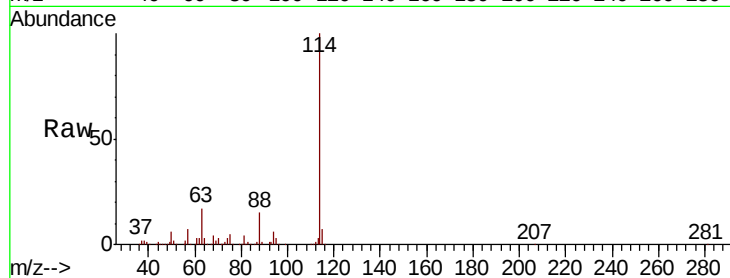




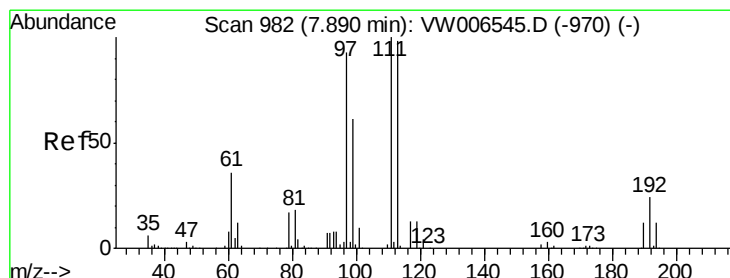
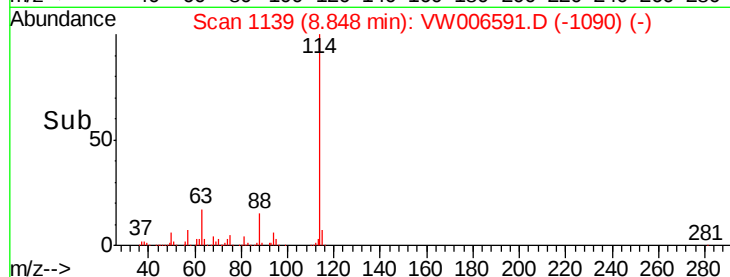
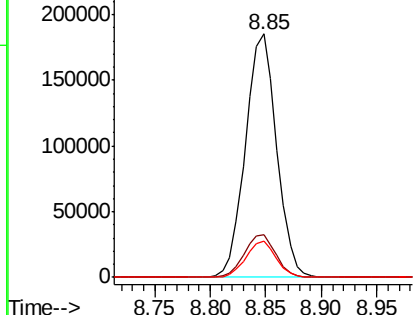
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006591.D
 Acq: 02 Nov 2018 06:45

Instrument :
 MSVOA_W
 ClientSampleId :
 B-21(6-8)

Tgt Ion:114 Resp: 360375
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.4
 88 15.0 0.0 29.0

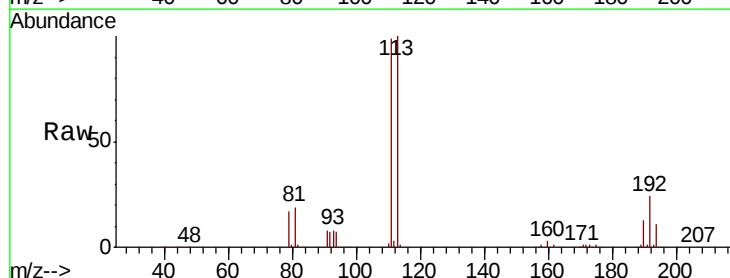


Abundance Ion 113.90 (113.60 to 114.60): V
 250000 Ion 63.00 (62.70 to 63.70): VW
 200000 Ion 87.90 (87.60 to 88.60): VW
 150000
 100000
 50000
 0

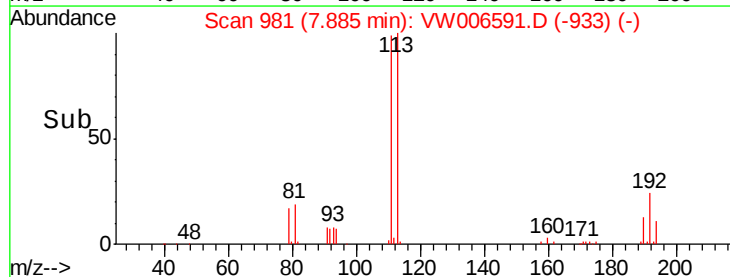
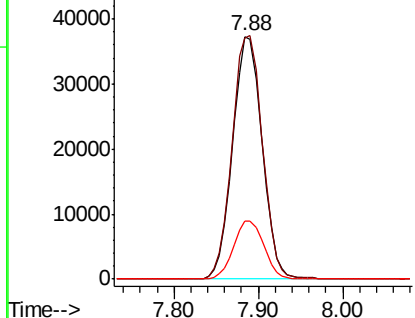


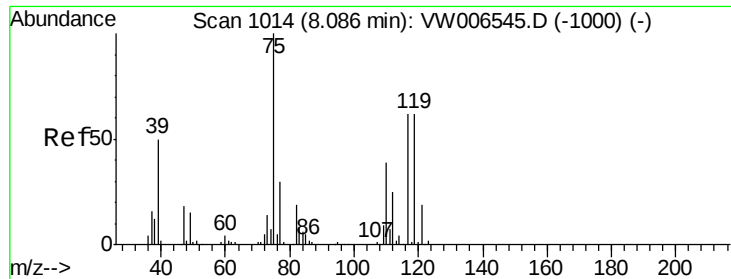
#35
 Dibromofluoromethane
 Concen: 39.006 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006591.D
 Acq: 02 Nov 2018 06:45

Tgt Ion:113 Resp: 88218
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 24.4 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V
 50000 Ion 110.80 (110.50 to 111.50): V
 40000 Ion 191.70 (191.40 to 192.40): V
 30000
 20000
 10000
 0

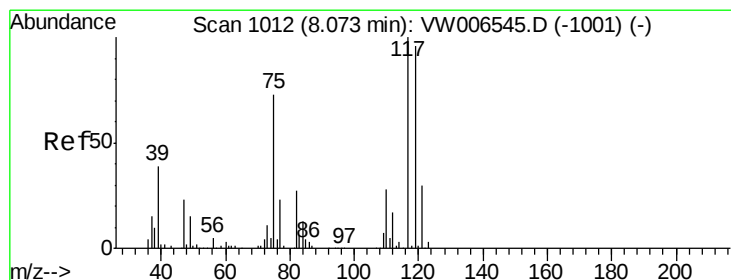
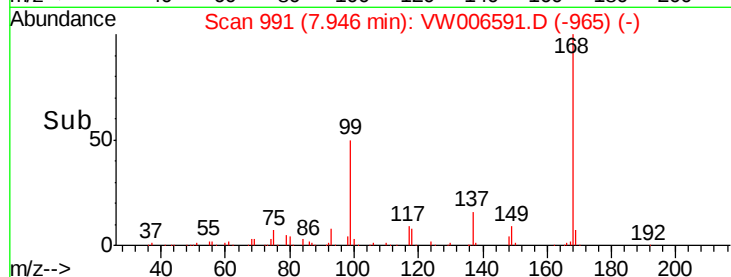
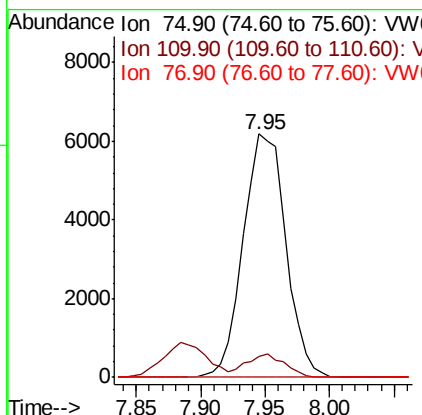
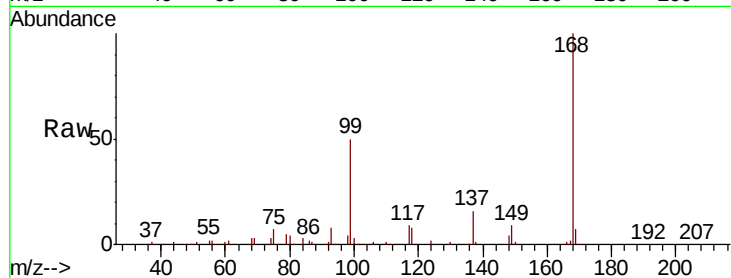




#36
 1,1-Dichloropropene
 Concen: 4.473 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006591.D
 Acq: 02 Nov 2018 06:45

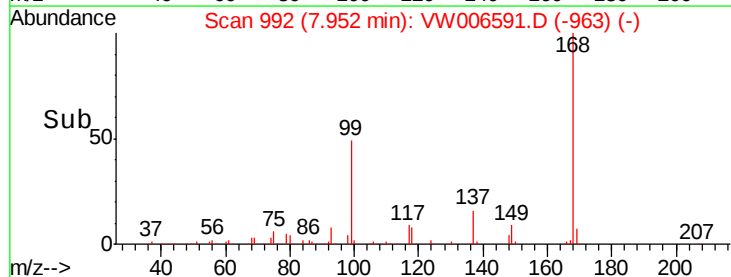
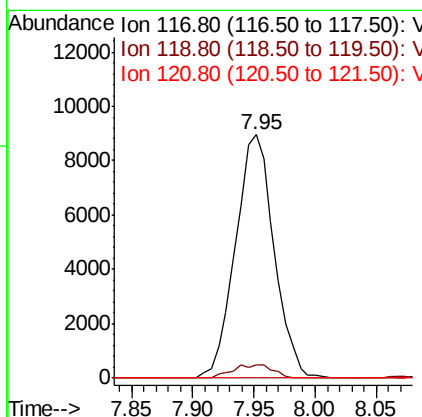
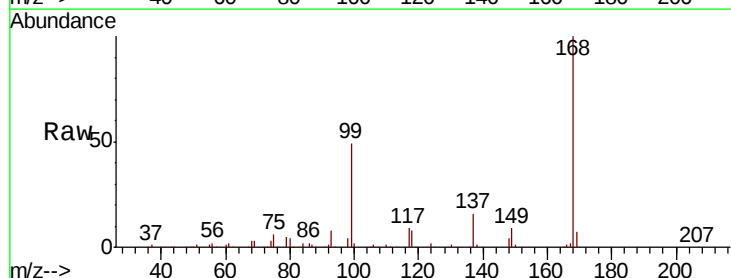
Instrument :
 MSVOA_W
 ClientSampled :
 B-21(6-8)

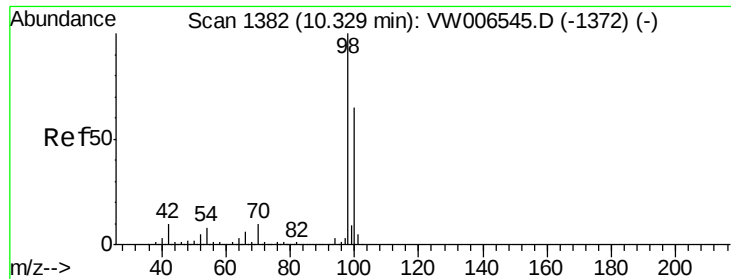
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 5.931 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006591.D
 Acq: 02 Nov 2018 06:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.3	114.5#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 35.618 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006591.D

Acq: 02 Nov 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

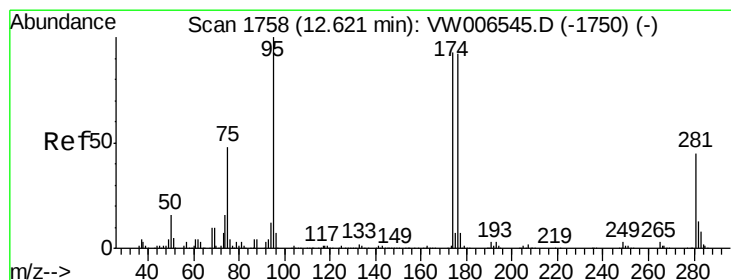
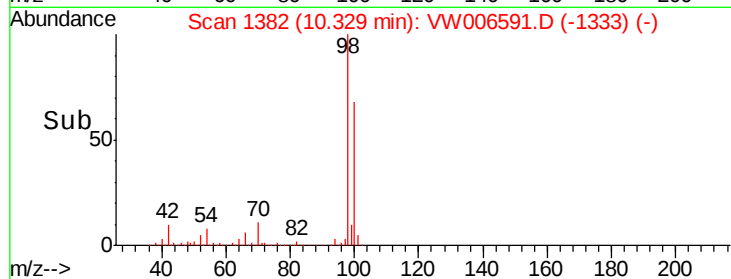
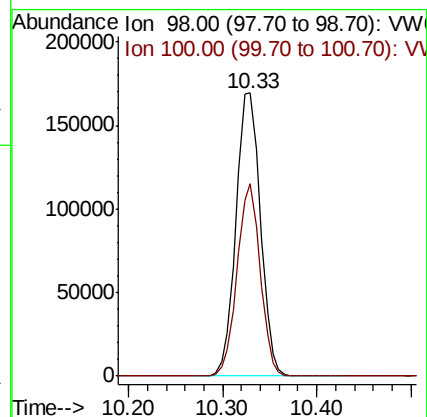
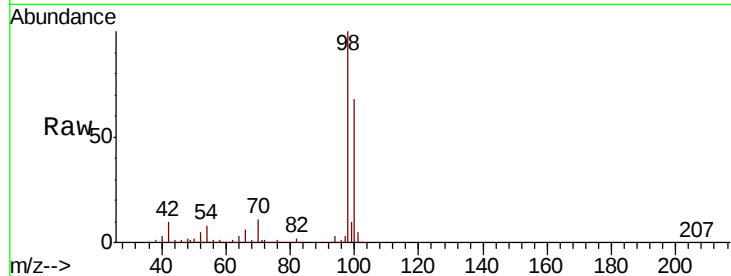
B-21(6-8)

Tgt Ion: 98 Resp: 306662

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 32.264 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006591.D

Acq: 02 Nov 2018 06:45

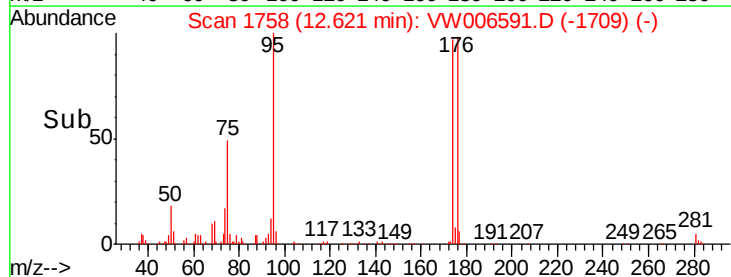
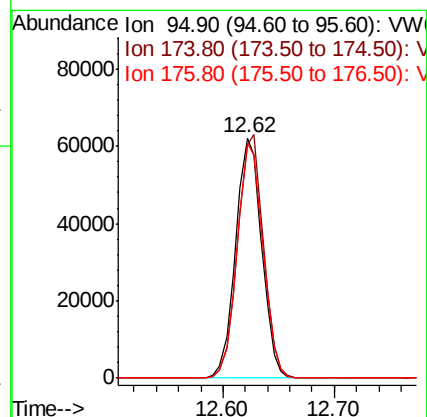
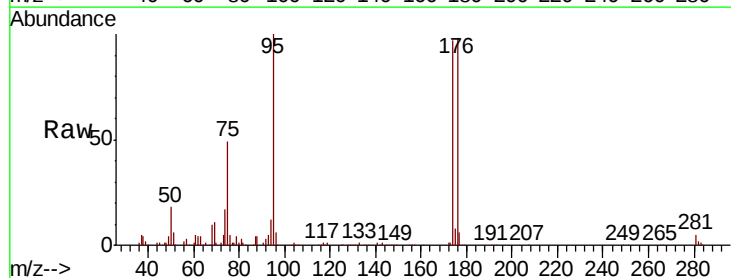
Tgt Ion: 95 Resp: 100706

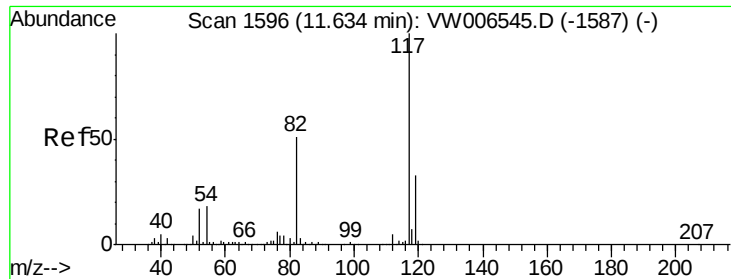
Ion Ratio Lower Upper

95 100

174 100.3 0.0 192.4

176 97.1 0.0 187.4

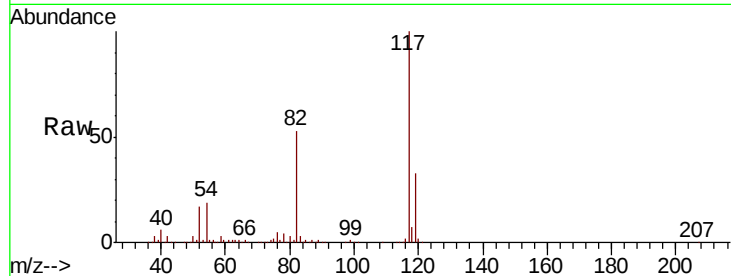




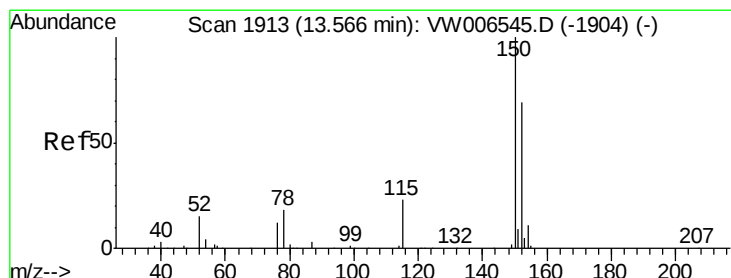
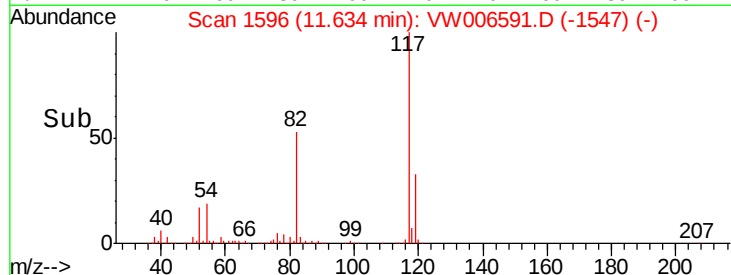
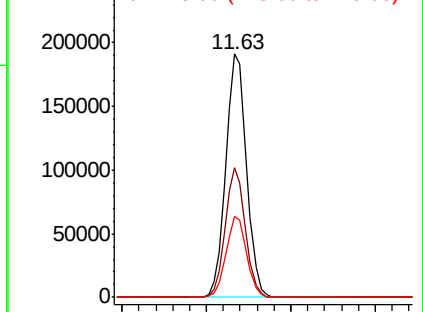
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006591.D
Acq: 02 Nov 2018 06:45

Instrument :
MSVOA_W
ClientSampleId :
B-21(6-8)

Tgt Ion:117 Resp: 321896
Ion Ratio Lower Upper
117 100
82 53.4 40.8 61.2
119 33.4 26.1 39.1

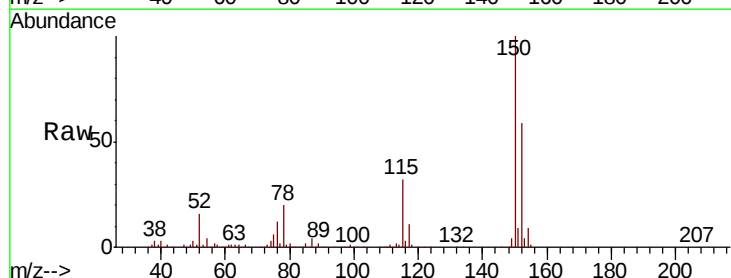


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

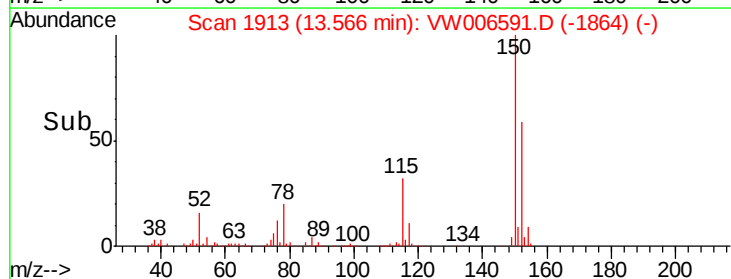
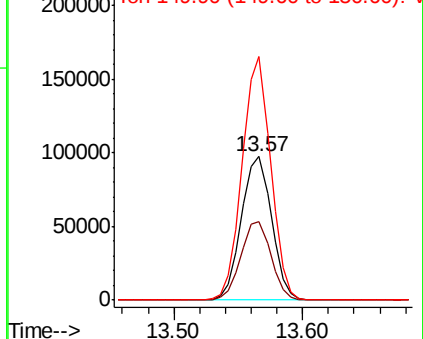


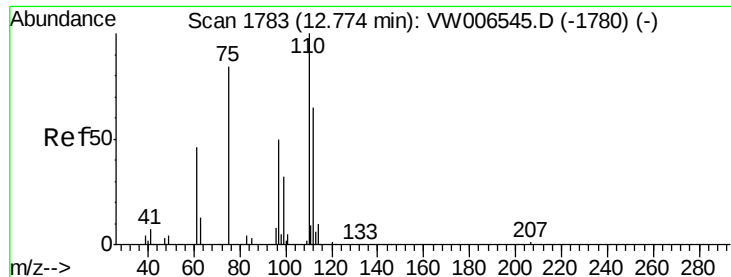
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006591.D
Acq: 02 Nov 2018 06:45

Tgt Ion:152 Resp: 157908
Ion Ratio Lower Upper
152 100
115 54.6 26.6 79.8
150 160.1 0.0 344.6



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: 40.628 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006591.D

Acq: 02 Nov 2018 06:45

Instrument :

MSVOA_W

ClientSampleId :

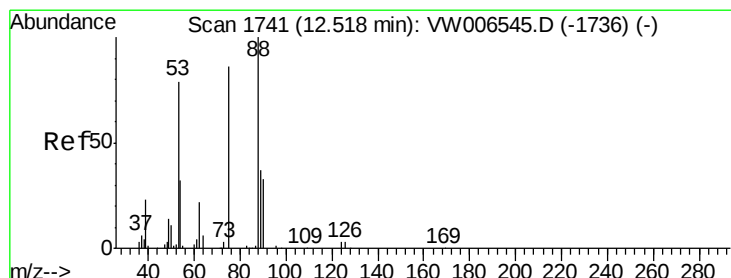
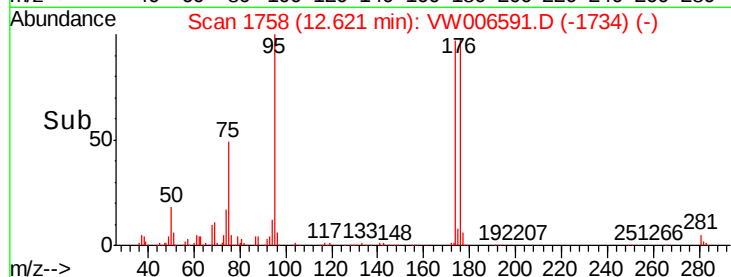
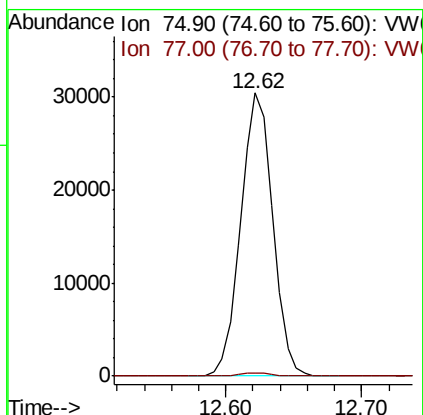
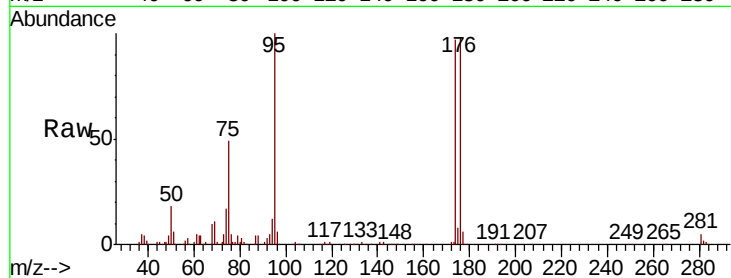
B-21(6-8)

Tgt Ion: 75 Resp: 50055

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 102.276 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006591.D

Acq: 02 Nov 2018 06:45

Tgt Ion: 75 Resp: 50055

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

