

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006257.D
 Acq On : 22 Oct 2018 17:44
 Operator : VA/AP
 Sample : J5610-10
 Misc : 5.36G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6(0-2)

Quant Time: Oct 23 04:07:24 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	310099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	445030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131921	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	73194	28.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.94%	
35) Dibromofluoromethane	7.89	113	76299	29.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.02%	
50) Toluene-d8	10.33	98	251639	25.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.30%	
62) 4-Bromofluorobenzene	12.62	95	79911	21.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.54%	

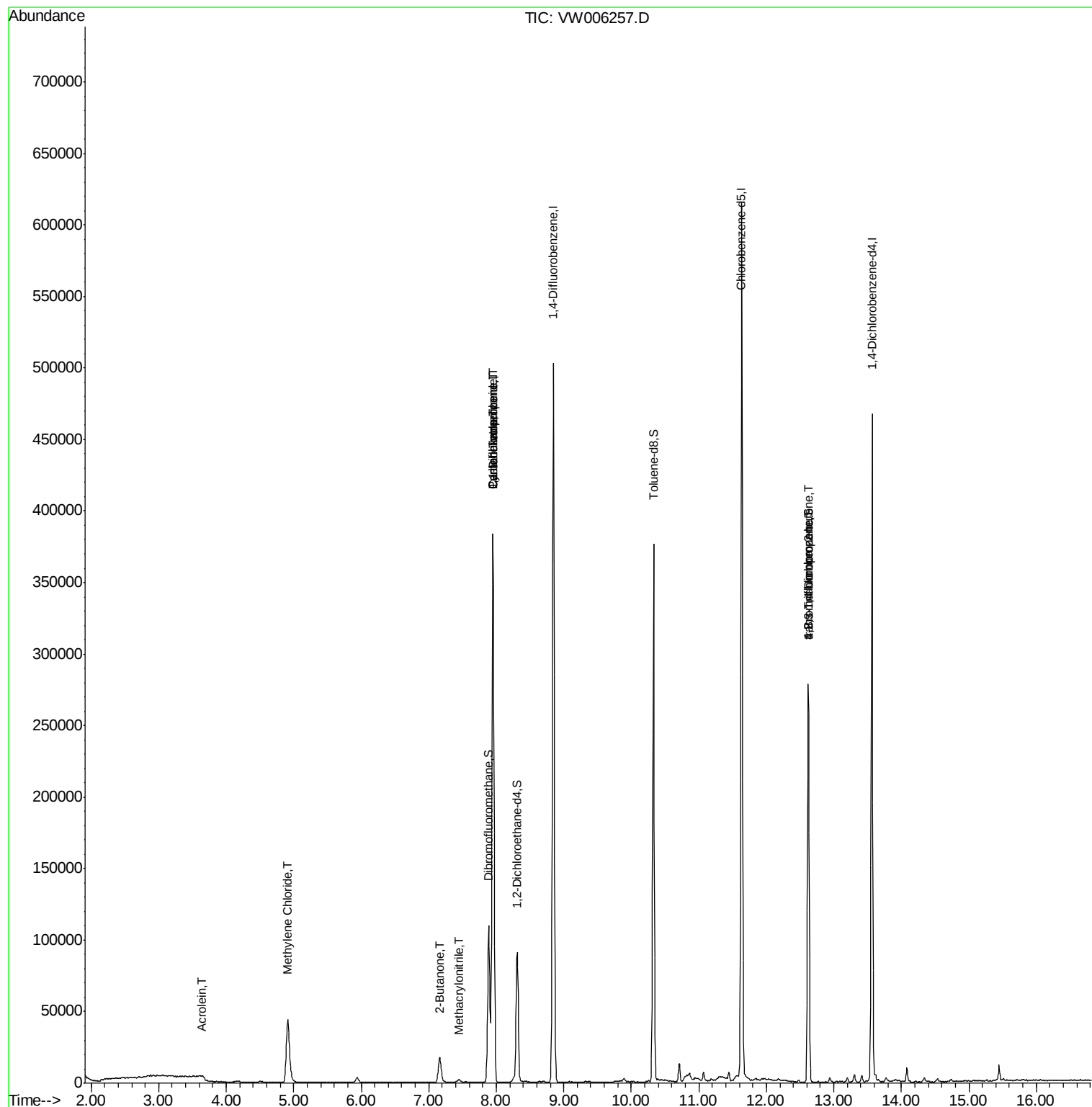
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.64	56	239	1.429	ug/l #	2
16) Acetone	4.15	43	1656	Below Cal		99
20) Methylene Chloride	4.91	84	38223	12.841	ug/l	92
25) 2-Butanone	7.17	43	1140	1.641	ug/l #	46
31) Cyclohexane	7.95	56	5322	1.131	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19882	4.847	ug/l #	48
38) Carbon Tetrachloride	7.95	117	27449	6.104	ug/l #	16
41) Methacrylonitrile	7.45	41	1054	1.147	ug/l #	44
76) 1,2,3-Trichloropropane	12.62	75	40772	40.464	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	40772	96.724	ug/l #	10

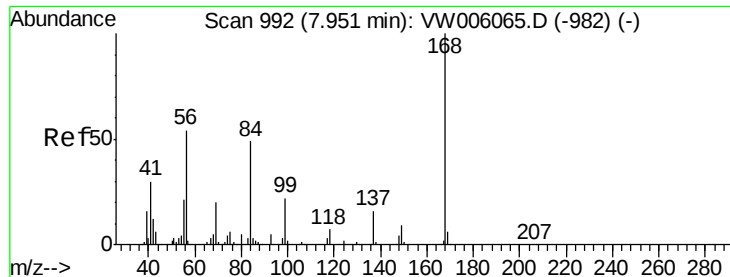
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-6(0-2)

Quant Time: Oct 23 04:07:24 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: VW006257.D

Acq: 22 Oct 2018 17:44

Instrument :

MSVOA_W

ClientSampleId :

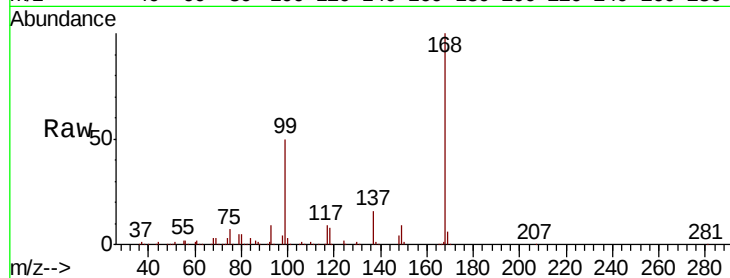
SB-6(0-2)

Tot Ion:168 Resp: 310099

Ion Ratio Lower Upper

168 100

99 50.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

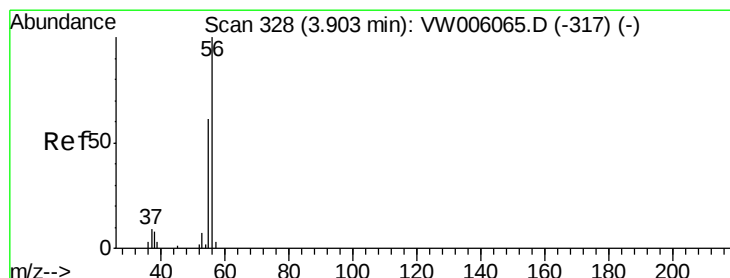
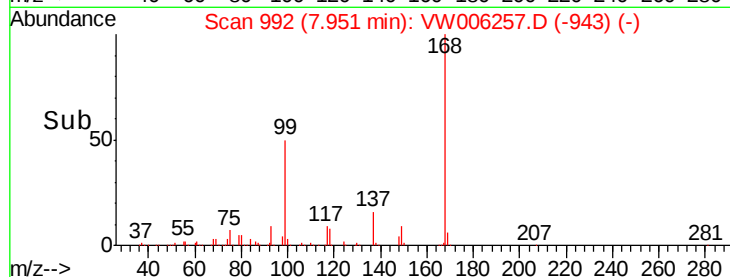
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 1.429 ug/l

RT: 3.64 min Scan# 284

Delta R.T. -0.27 min

Lab File: VW006257.D

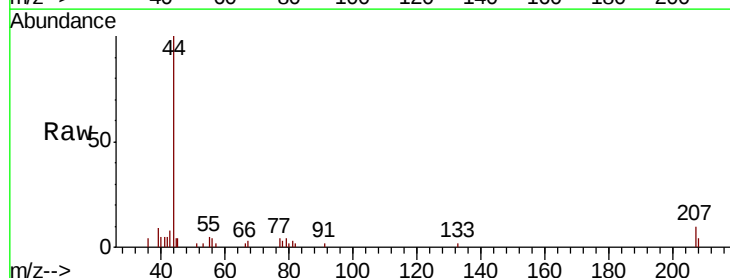
Acq: 22 Oct 2018 17:44

Tgt Ion: 56 Resp: 239

Ion Ratio Lower Upper

56 100

55 147.3 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.64

200

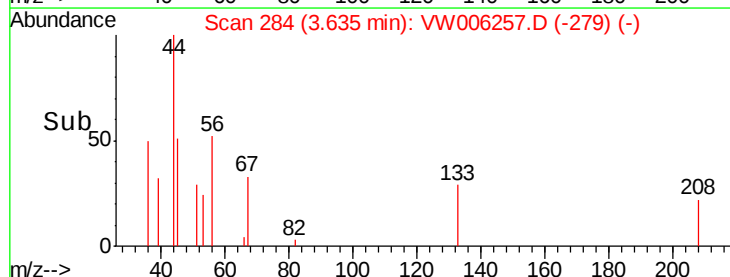
150

100

50

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006257.D

Acq: 22 Oct 2018 17:44

Instrument :

MSVOA_W

ClientSampleId :

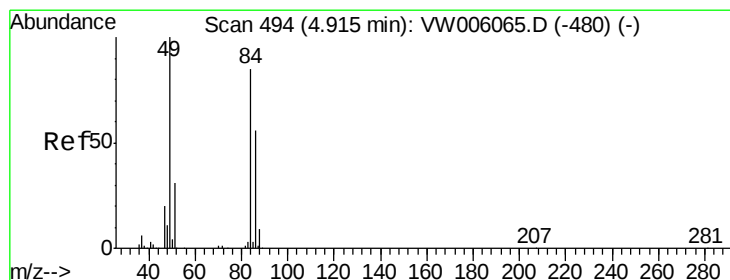
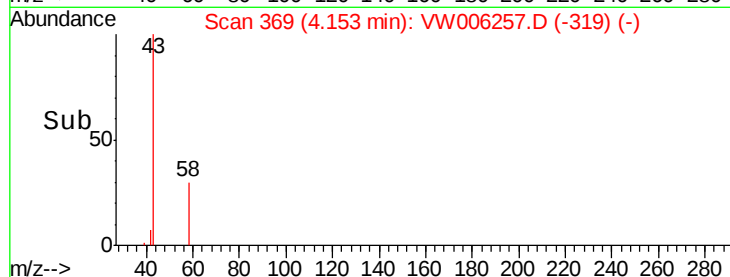
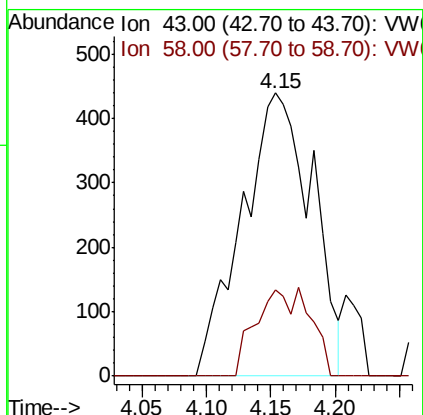
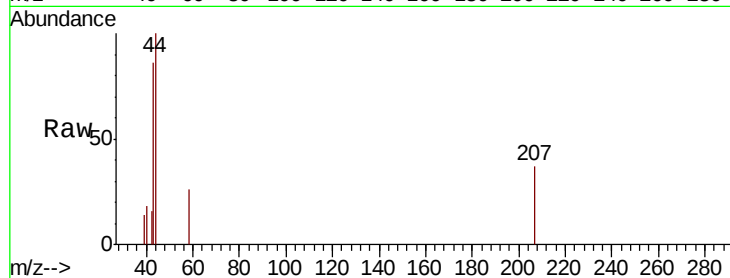
SB-6(0-2)

Tot Ion: 43 Resp: 1656

Ion Ratio Lower Upper

43 100

58 30.3 24.0 36.0



#20

Methylene Chloride

Concen: 12.841 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006257.D

Acq: 22 Oct 2018 17:44

Tgt Ion: 84 Resp: 38223

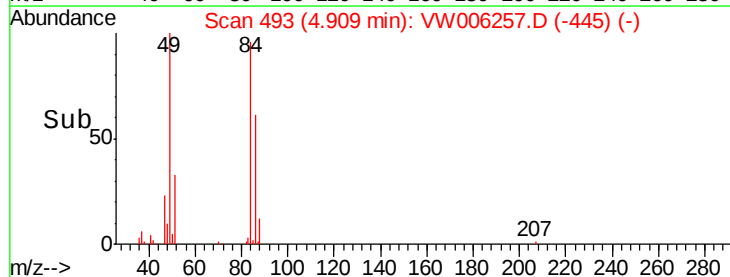
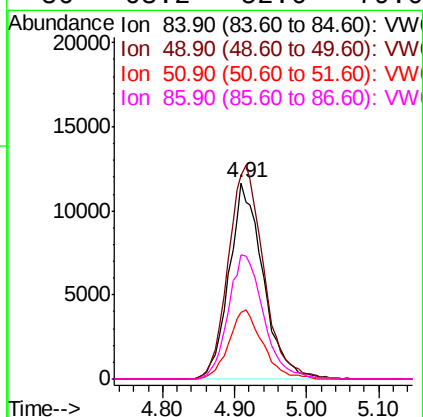
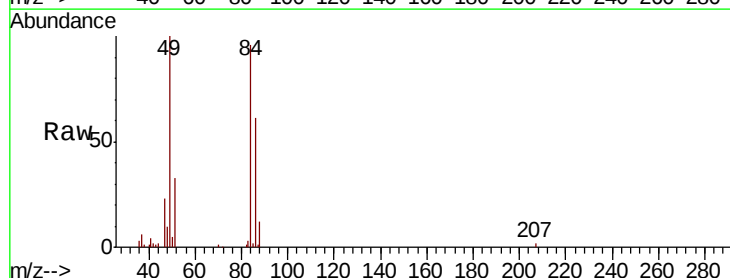
Ion Ratio Lower Upper

84 100

49 103.8 93.6 140.4

51 34.1 29.0 43.4

86 63.2 52.6 79.0





#25

2-Butanone

Concen: 1.641 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.02 min

Lab File: VW006257.D

Acq: 22 Oct 2018 17:44

Instrument :

MSVOA_W

ClientSampleId :

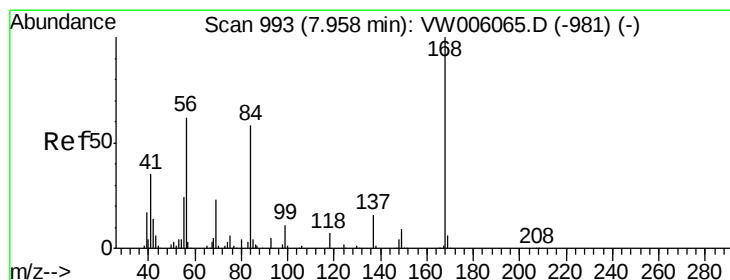
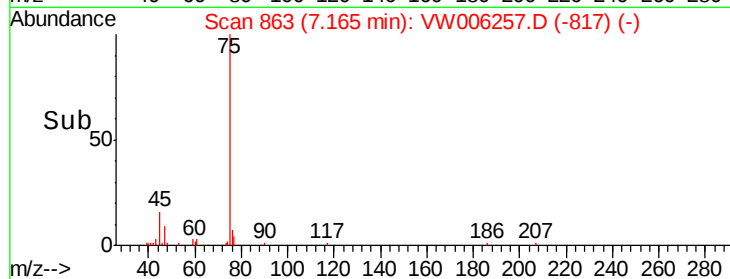
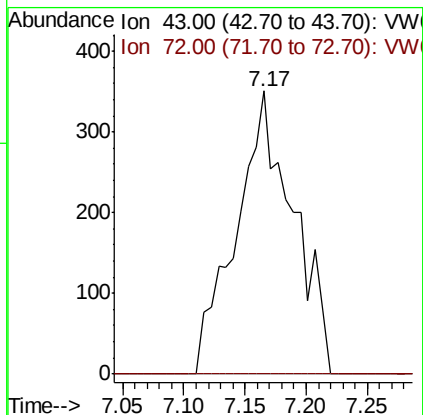
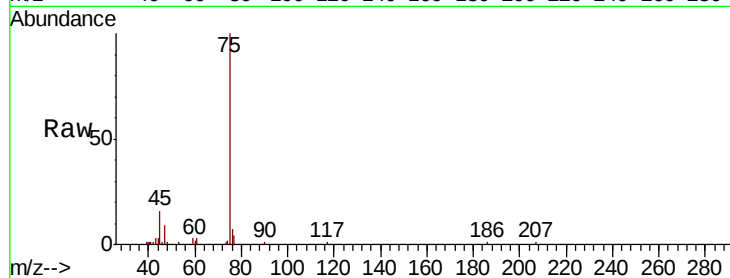
SB-6(0-2)

Tot Ion: 43 Resp: 1140

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#



#31

Cyclohexane

Concen: 1.131 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006257.D

Acq: 22 Oct 2018 17:44

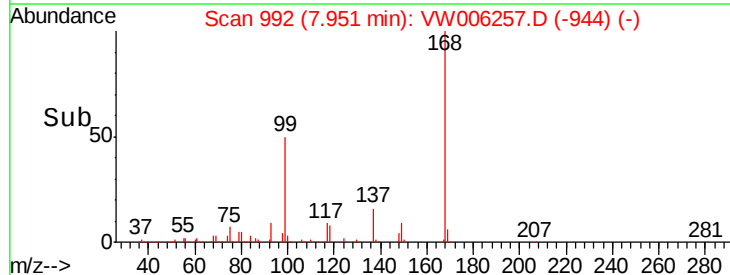
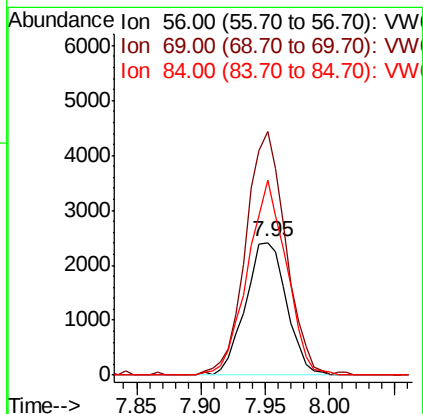
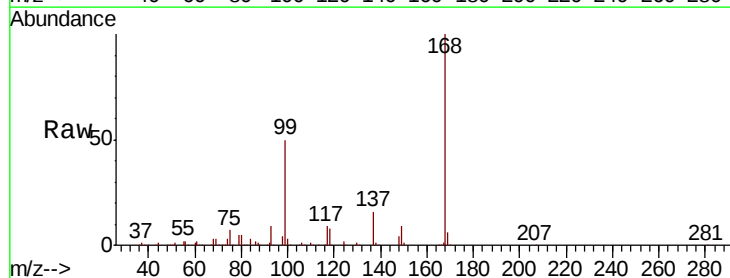
Tgt Ion: 56 Resp: 5322

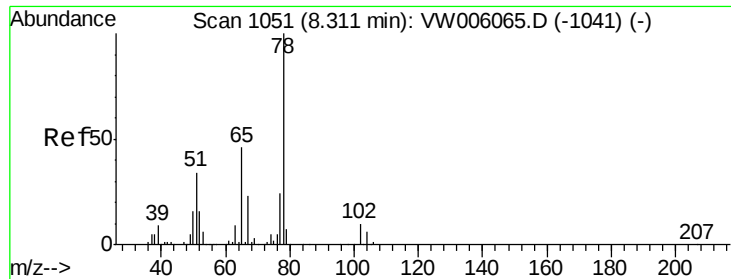
Ion Ratio Lower Upper

56 100

69 183.5 29.4 44.0#

84 147.1 74.0 111.0#

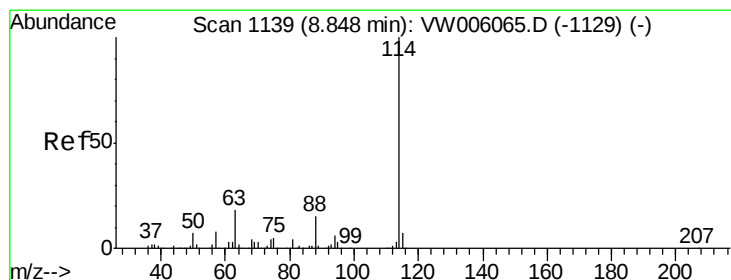
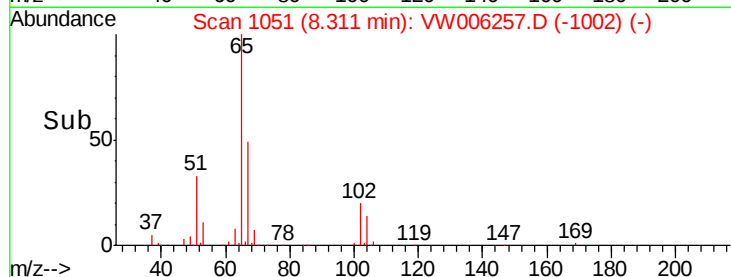
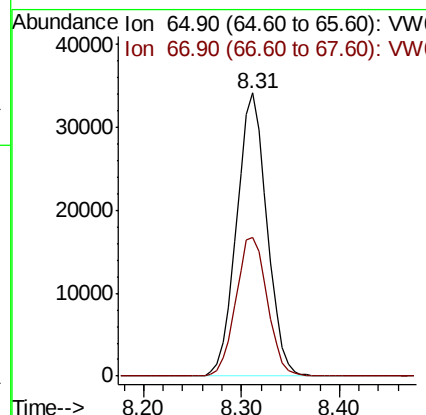
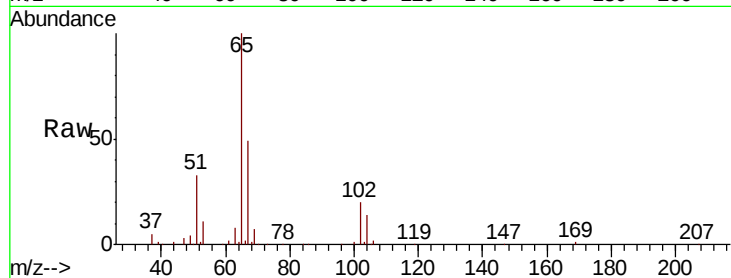




#33
 1,2-Dichloroethane-d4
 Concen: 28.470 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006257.D
 Acq: 22 Oct 2018 17:44

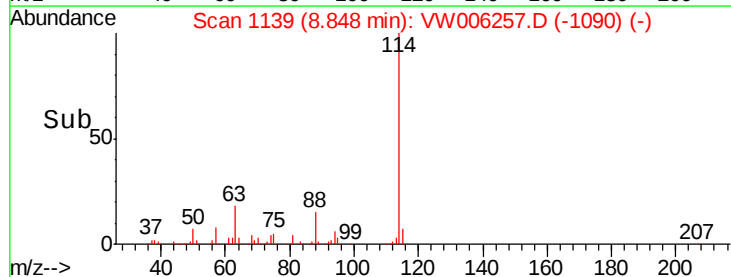
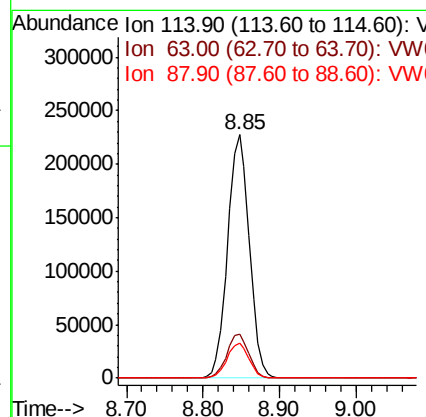
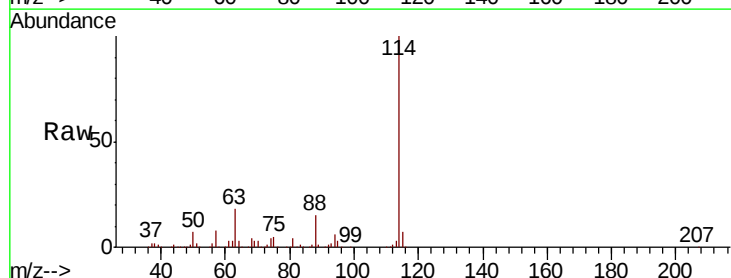
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6(0-2)

Tot Ion: 65 Resp: 73194
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006257.D
 Acq: 22 Oct 2018 17:44

Tgt Ion: 114 Resp: 445030
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.8
 88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 29.015 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006257.D

Acq: 22 Oct 2018 17:44

Instrument :

MSVOA_W

ClientSampleId :

SB-6(0-2)

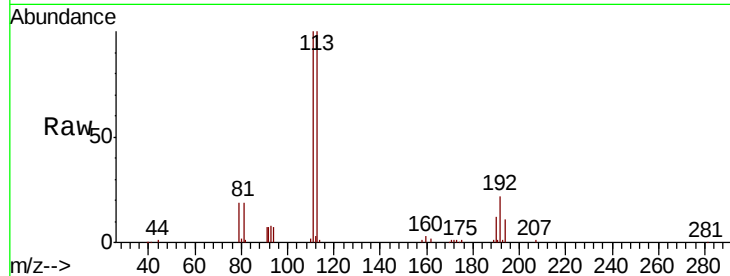
Tot Ion:113 Resp: 76299

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

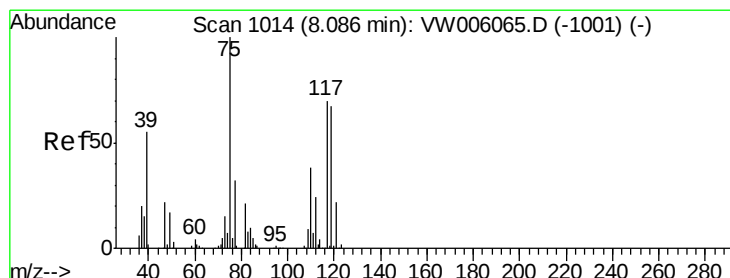
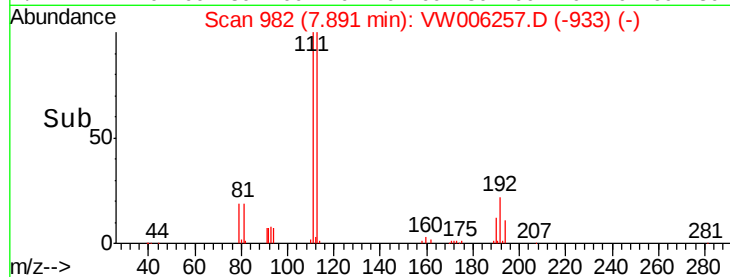
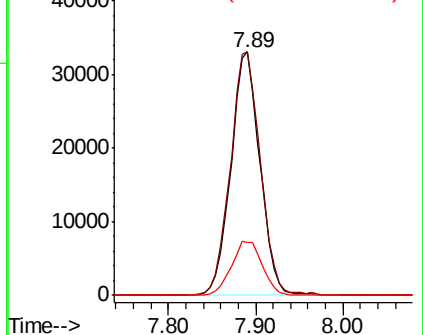
192 23.4 18.7 28.1



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: 4.847 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006257.D

Acq: 22 Oct 2018 17:44

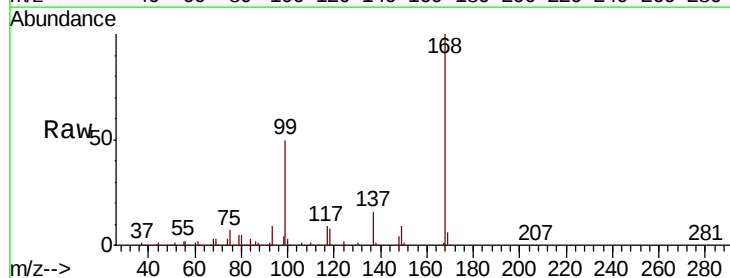
Tgt Ion: 75 Resp: 19882

Ion Ratio Lower Upper

75 100

110 9.1 19.1 57.1#

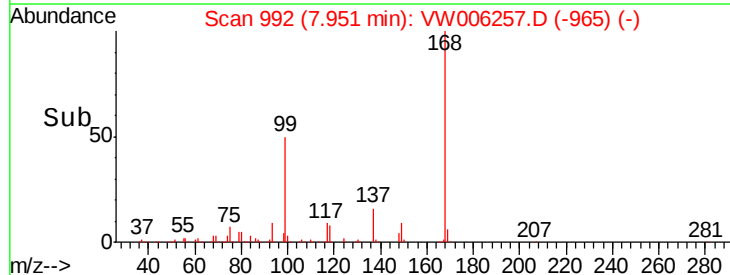
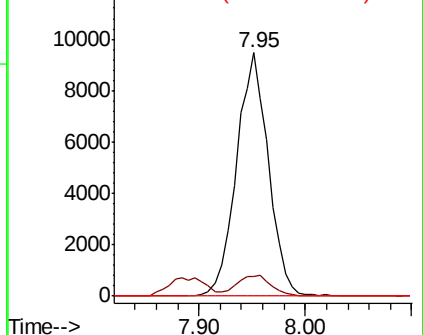
77 0.0 25.0 37.4#

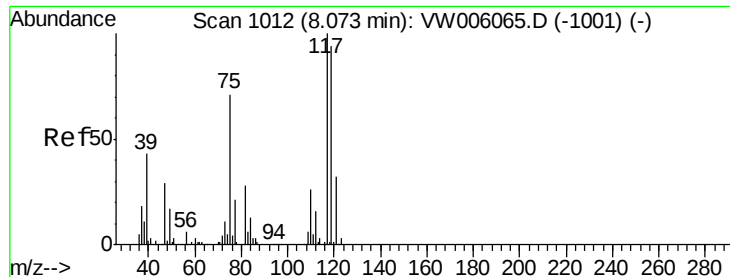


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.104 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006257.D

Acq: 22 Oct 2018 17:44

Instrument :

MSVOA_W

ClientSampleId :

SB-6(0-2)

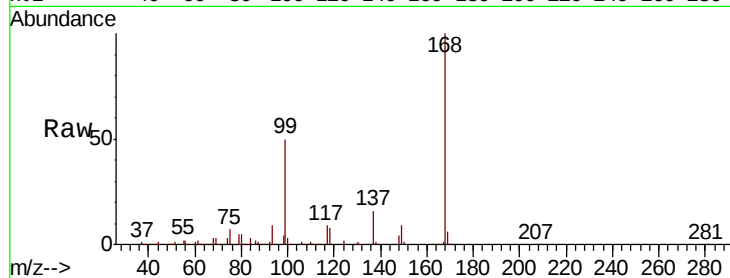
Tot Ion:117 Resp: 27449

Ion Ratio Lower Upper

117 100

119 4.6 75.2 112.8#

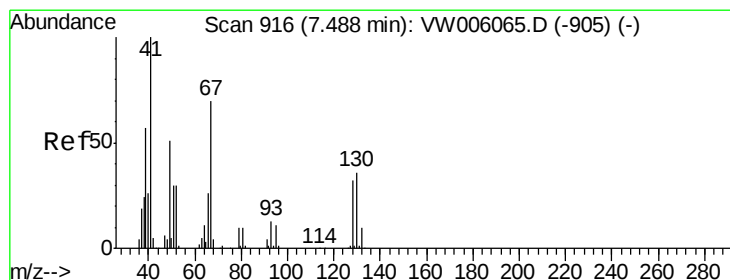
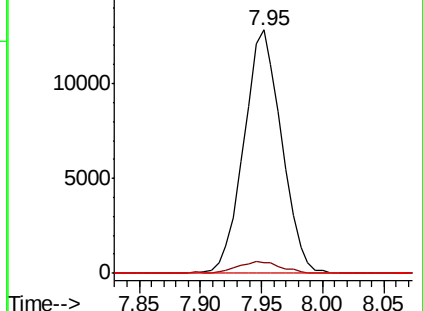
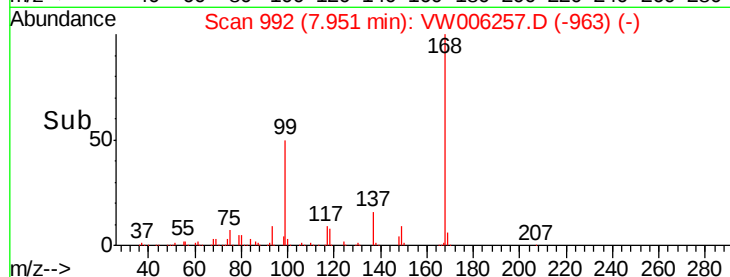
121 0.0 25.3 37.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 1.147 ug/l

RT: 7.45 min Scan# 910

Delta R.T. -0.04 min

Lab File: VW006257.D

Acq: 22 Oct 2018 17:44

Tgt Ion: 41 Resp: 1054

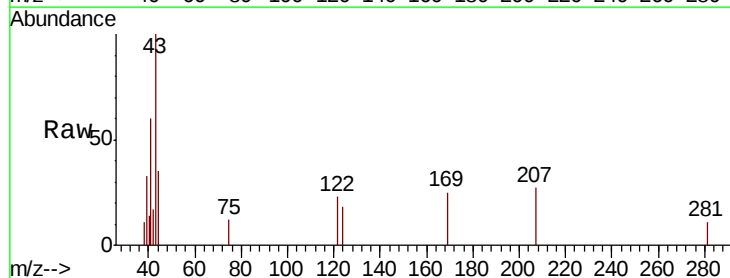
Ion Ratio Lower Upper

41 100

39 44.4 46.2 69.4#

67 0.0 57.7 86.5#

52 0.0 24.7 37.1#

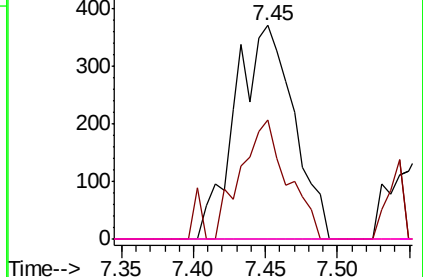
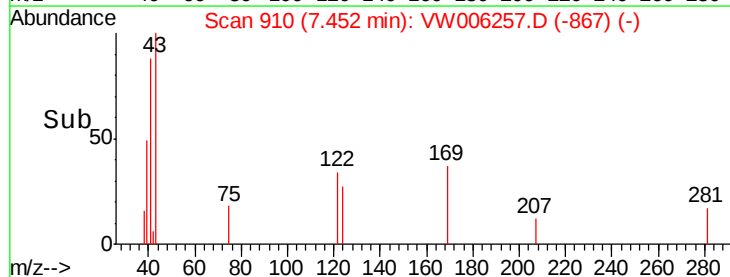


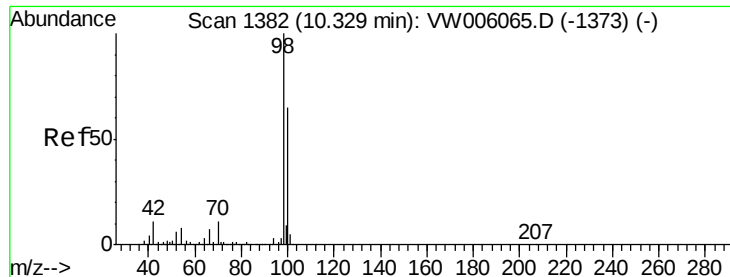
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW





#50

Toluene-d8

Concen: 25.152 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006257.D

Acq: 22 Oct 2018 17:44

Instrument :

MSVOA_W

ClientSampleId :

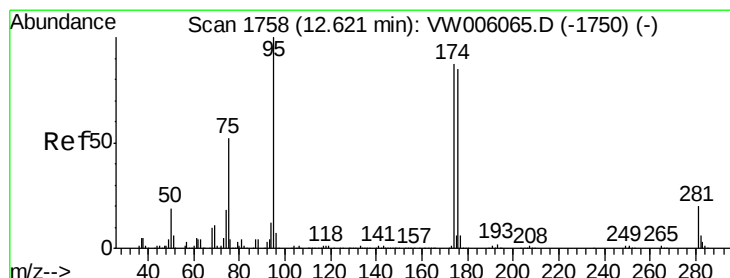
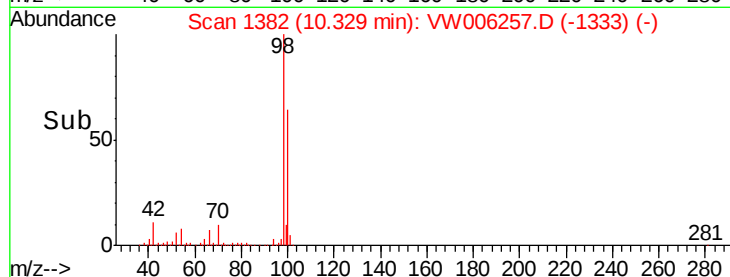
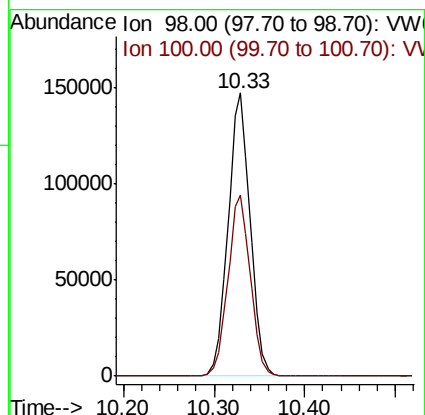
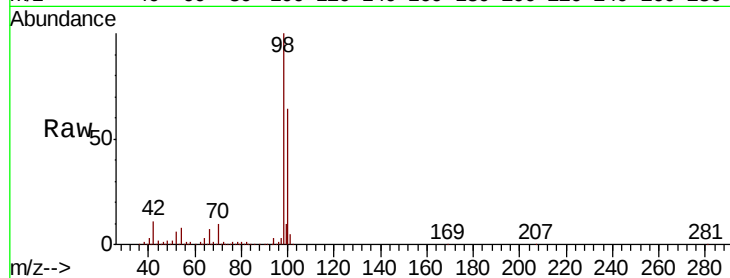
SB-6(0-2)

Tot Ion: 98 Resp: 251639

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 21.267 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006257.D

Acq: 22 Oct 2018 17:44

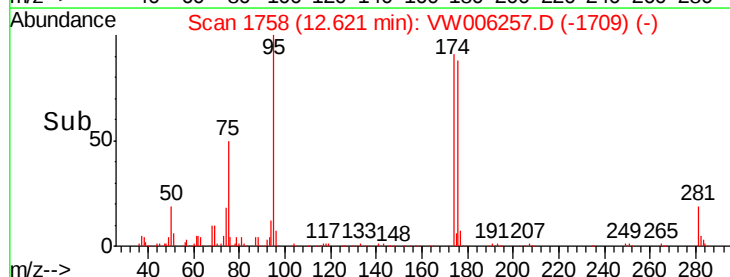
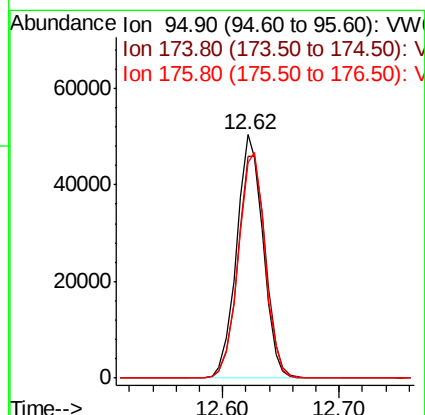
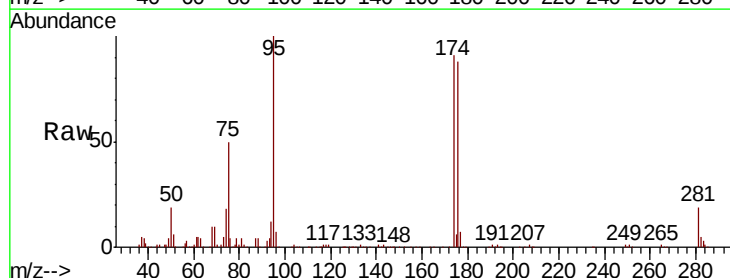
Tgt Ion: 95 Resp: 79911

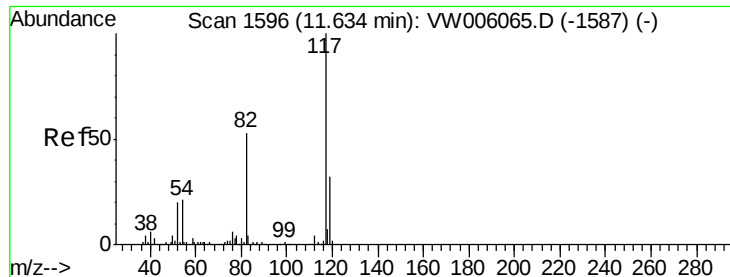
Ion Ratio Lower Upper

95 100

174 95.5 0.0 186.0

176 93.0 0.0 181.6

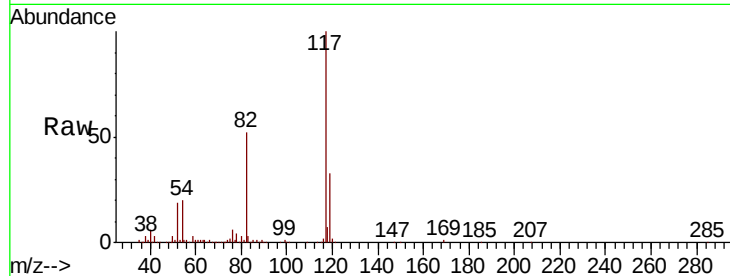




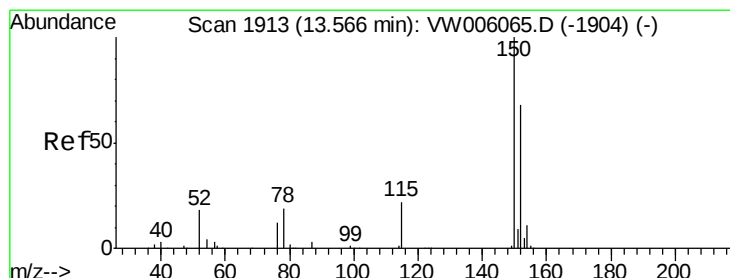
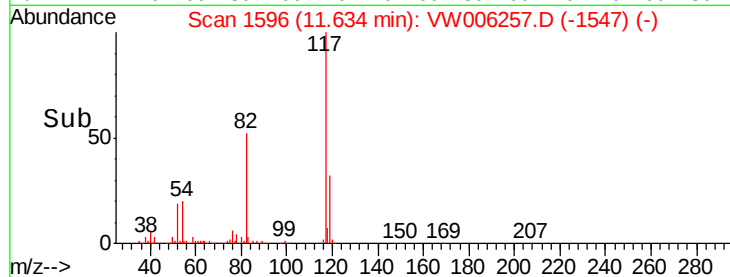
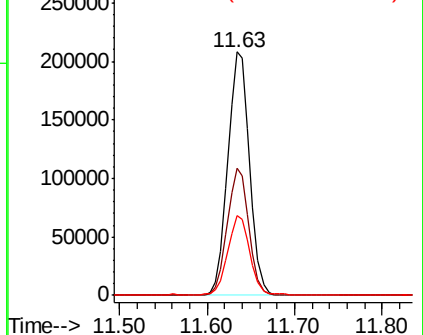
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006257.D
Acq: 22 Oct 2018 17:44

Instrument :
MSVOA_W
ClientSampleId :
SB-6(0-2)

Tot Ion:117 Resp: 357753
Ion Ratio Lower Upper
117 100
82 52.3 42.1 63.1
119 32.6 25.8 38.6

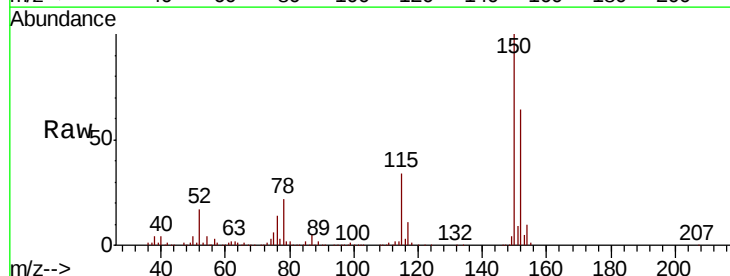


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

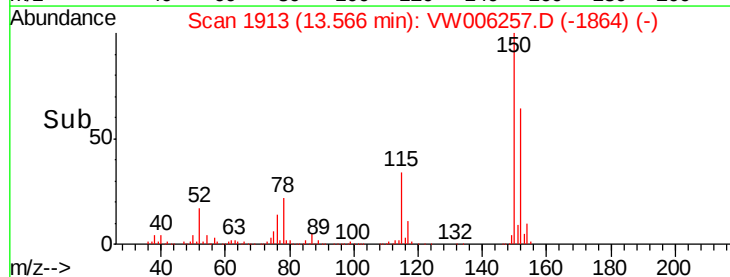
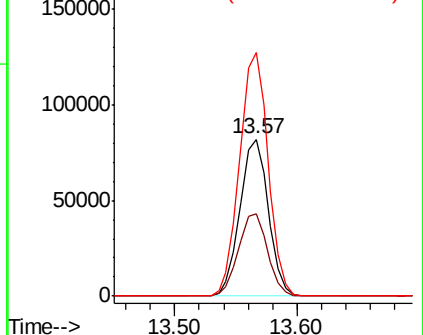


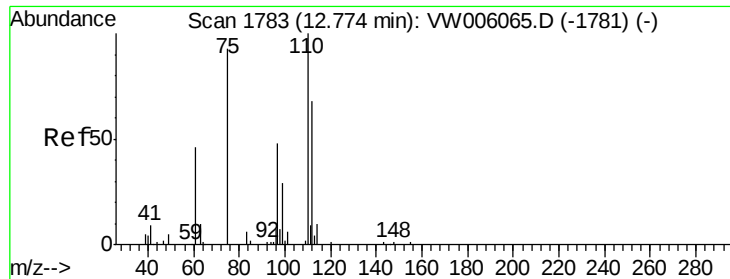
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006257.D
Acq: 22 Oct 2018 17:44

Tgt Ion:152 Resp: 131921
Ion Ratio Lower Upper
152 100
115 53.9 27.8 83.3
150 156.4 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: 40.464 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006257.D

Acq: 22 Oct 2018 17:44

Instrument :

MSVOA_W

ClientSampled :

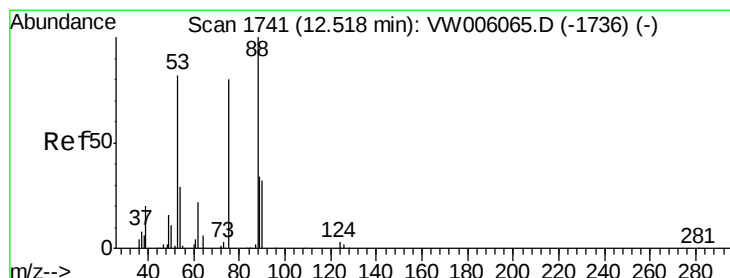
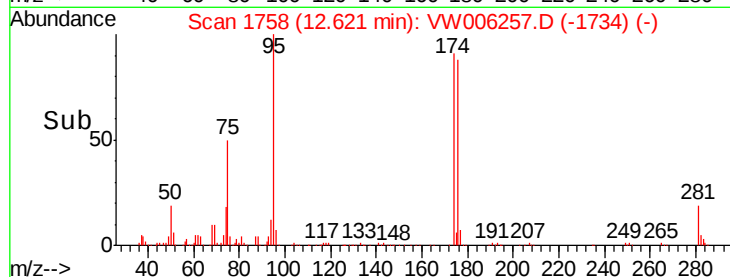
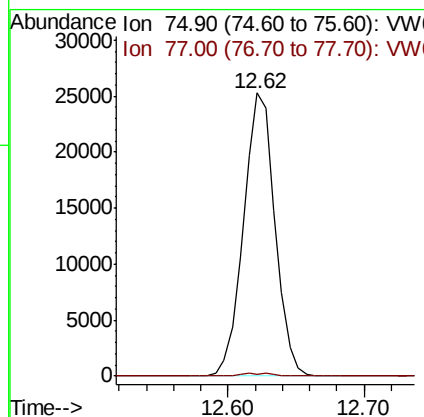
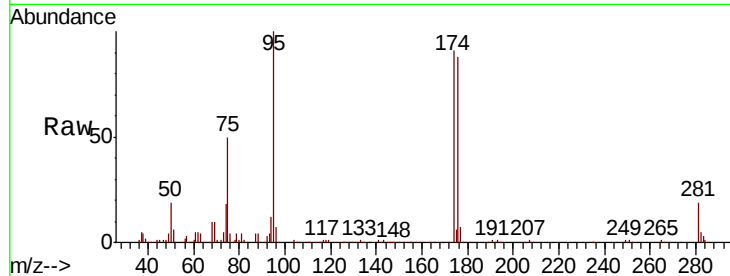
SB-6(0-2)

Tot Ion: 75 Resp: 40772

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.724 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006257.D

Acq: 22 Oct 2018 17:44

Tgt Ion: 75 Resp: 40772

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#

