

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
 Data File : VW005187.D
 Acq On : 07 Sep 2018 03:22
 Operator : SY/AP
 Sample : J4748-05
 Misc : 7.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12

Quant Time: Sep 07 04:19:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	390103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	673876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	679196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	308995	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	221010	68.34	ug/l	0.00
Spiked Amount			Recovery	=	136.68%	
35) Dibromofluoromethane	7.89	113	195128	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	10.33	98	800532	44.61	ug/l	0.00
Spiked Amount			Recovery	=	89.22%	
62) 4-Bromofluorobenzene	12.63	95	272702	43.10	ug/l	0.00
Spiked Amount			Recovery	=	86.20%	

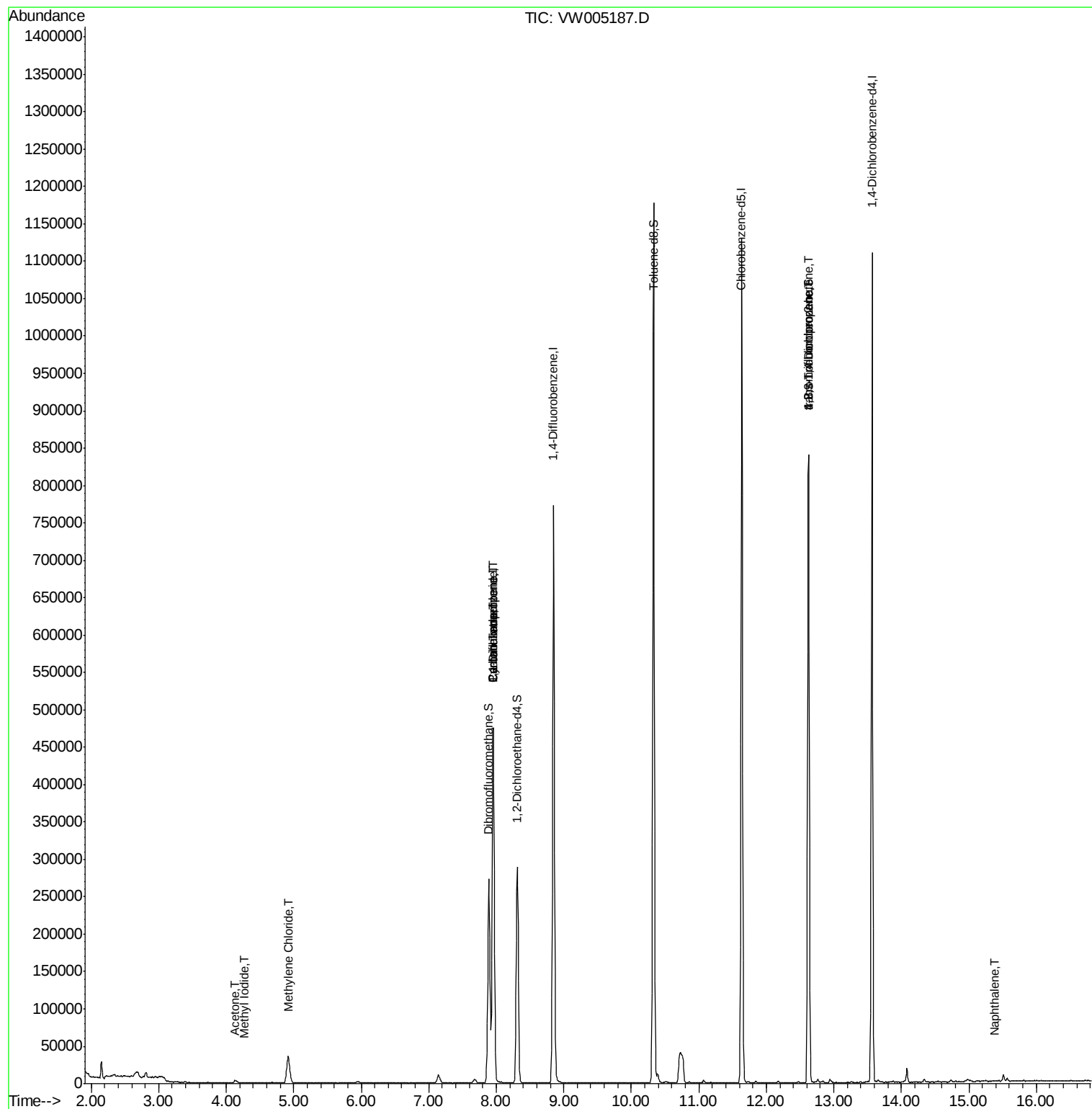
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	556	Below Cal	#	3
10) Methyl Iodide	4.28	142	275	3.868	ug/l #	73
11) Tert butyl alcohol	5.17	59	112	Below Cal	#	72
16) Acetone	4.13	43	6505	10.030	ug/l	92
20) Methylene Chloride	4.92	84	30053	3.217	ug/l	98
31) Cyclohexane	7.96	56	6622	1.043	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	26189	4.081	ug/l #	47
38) Carbon Tetrachloride	7.96	117	35229	5.773	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	124210	53.553	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	124210	128.896	ug/l #	15
95) Naphthalene	15.38	128	1341	4.090	ug/l #	90

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005187.D

Acq: 07 Sep 2018 03:22

Instrument :

MSVOA_W

ClientSampled :

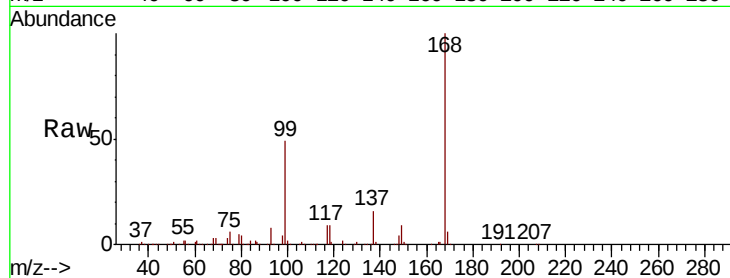
SB-12

Tgt Ion:168 Resp: 390103

Ion Ratio Lower Upper

168 100

99 48.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

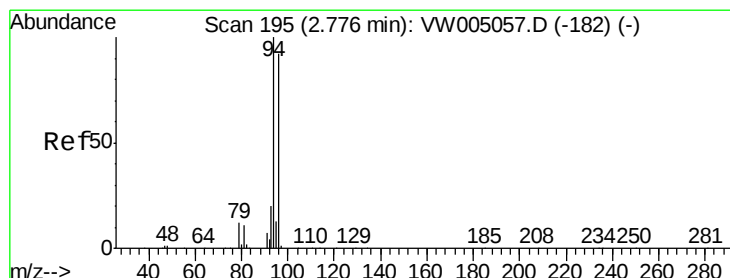
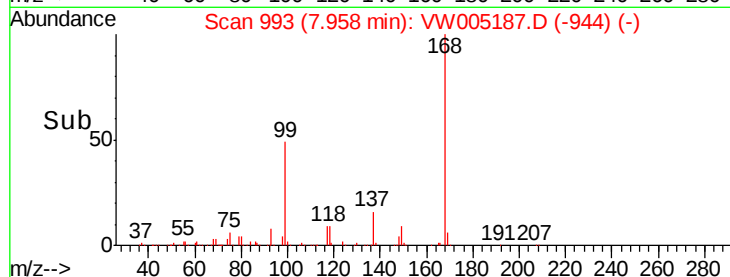
100000

50000

0

7.90 8.00

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005187.D

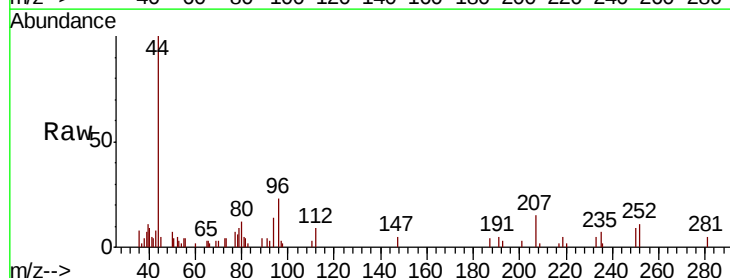
Acq: 07 Sep 2018 03:22

Tgt Ion: 94 Resp: 556

Ion Ratio Lower Upper

94 100

96 183.8 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

600

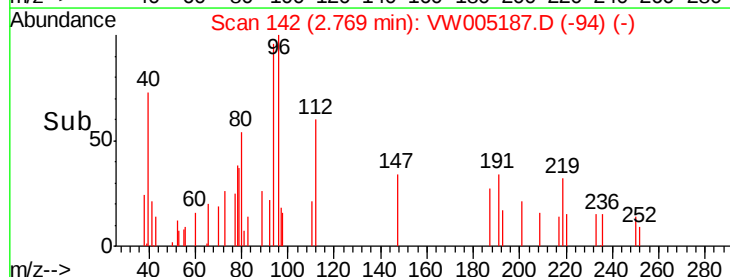
400

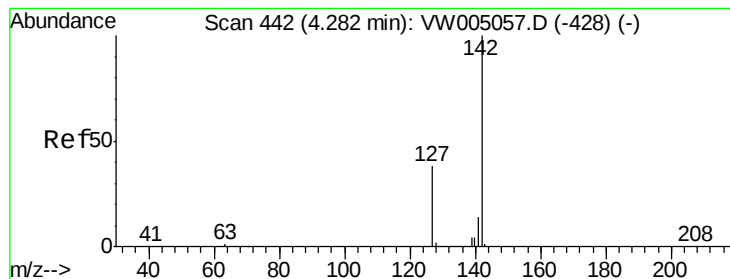
200

0

2.70 2.75 2.80

Time-->





#10

Methyl Iodide

Concen: 3.868 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW005187.D

Acq: 07 Sep 2018 03:22

Instrument :

MSVOA_W

ClientSampled :

SB-12

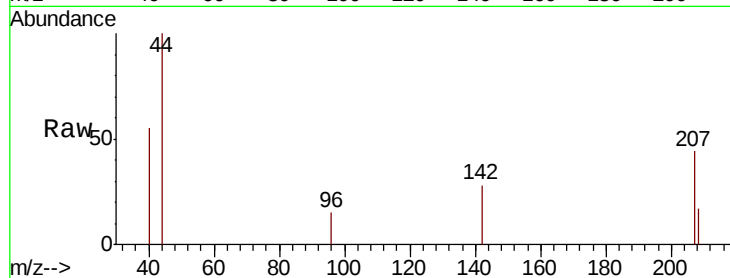
Tgt Ion:142 Resp: 275

Ion Ratio Lower Upper

142 100

127 24.4 30.8 46.2#

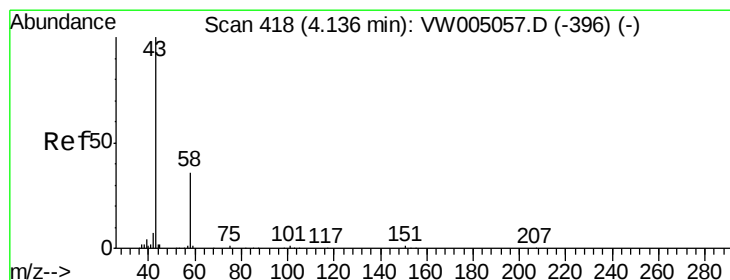
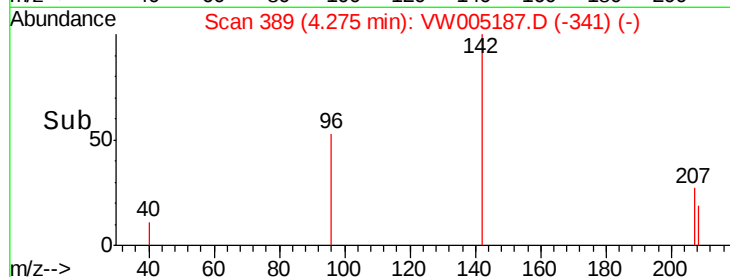
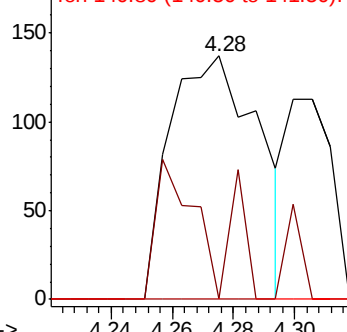
141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#16

Acetone

Concen: 10.030 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW005187.D

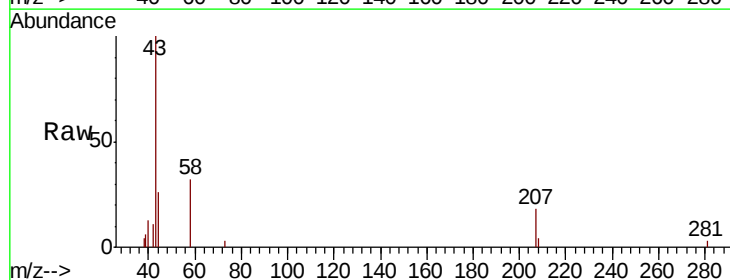
Acq: 07 Sep 2018 03:22

Tgt Ion: 43 Resp: 6505

Ion Ratio Lower Upper

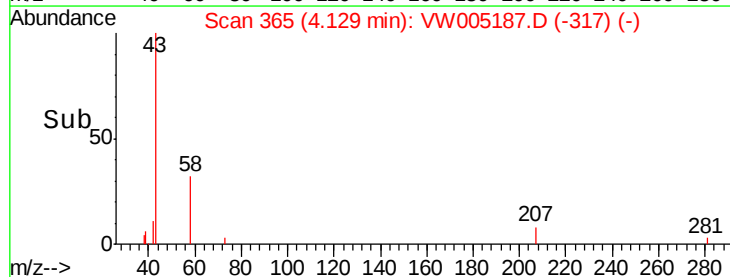
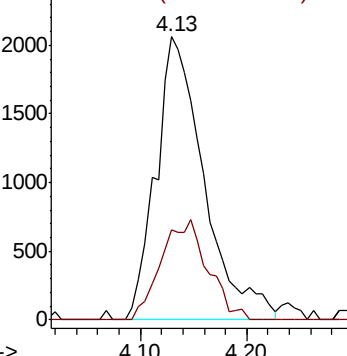
43 100

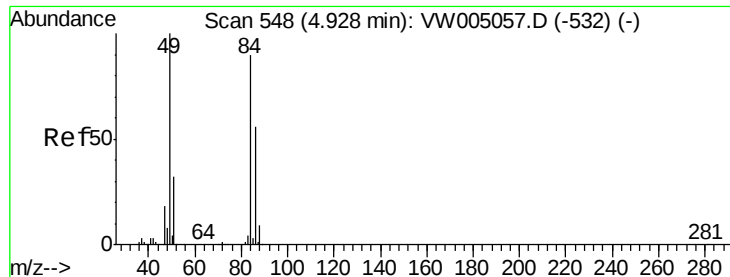
58 31.8 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 3.217 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW005187.D

Acq: 07 Sep 2018 03:22

Instrument :

MSVOA_W

ClientSampleId :

SB-12

Tgt Ion: 84 Resp: 30053

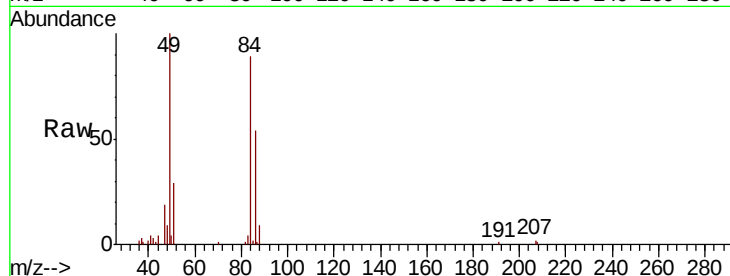
Ion Ratio Lower Upper

84 100

49 112.4 88.7 133.1

51 32.2 28.6 42.8

86 61.1 49.4 74.2

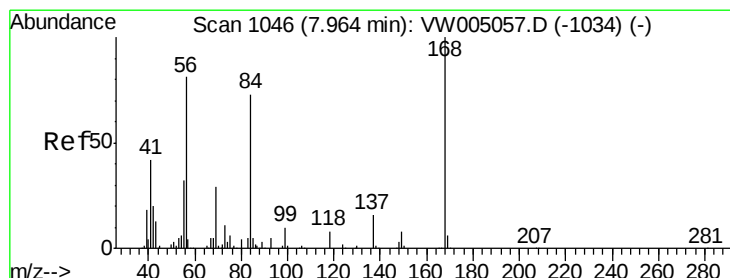
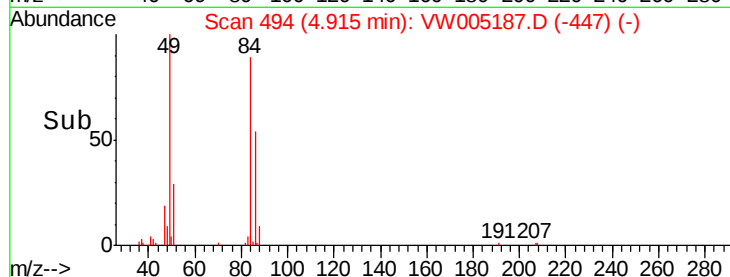
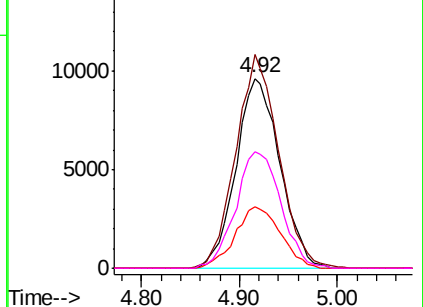


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#31

Cyclohexane

Concen: 1.043 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005187.D

Acq: 07 Sep 2018 03:22

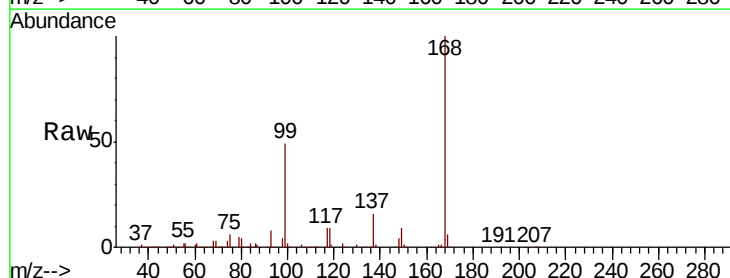
Tgt Ion: 56 Resp: 6622

Ion Ratio Lower Upper

56 100

69 160.6 28.2 42.2#

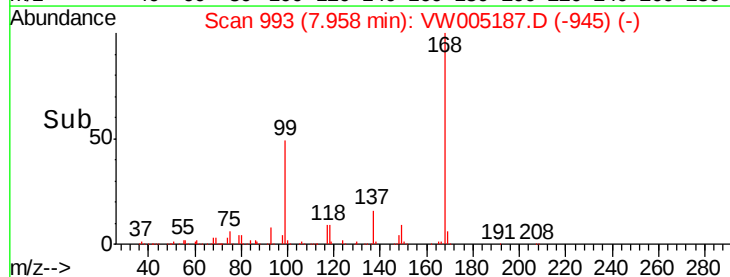
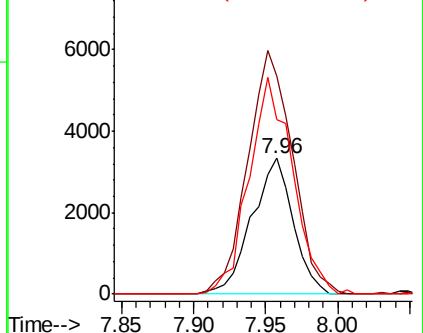
84 128.0 71.8 107.8#

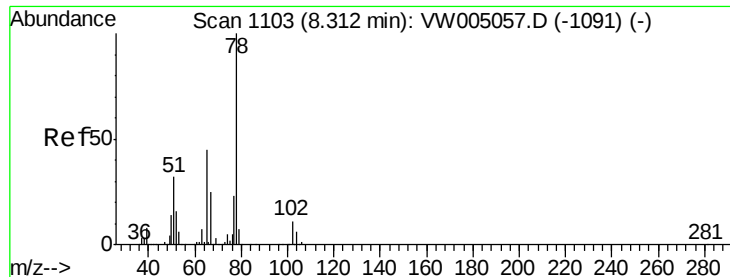


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 68.344 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005187.D

Acq: 07 Sep 2018 03:22

Instrument :

MSVOA_W

ClientSampleId :

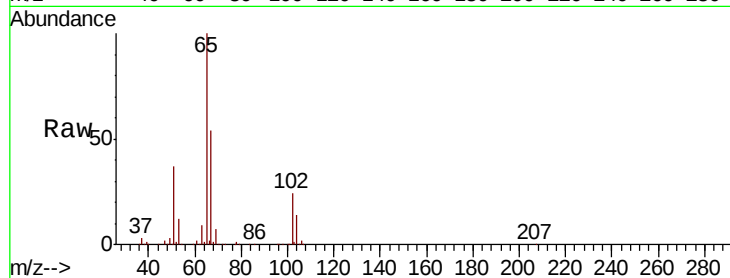
SB-12

Tgt Ion: 65 Resp: 221010

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

100000

80000

60000

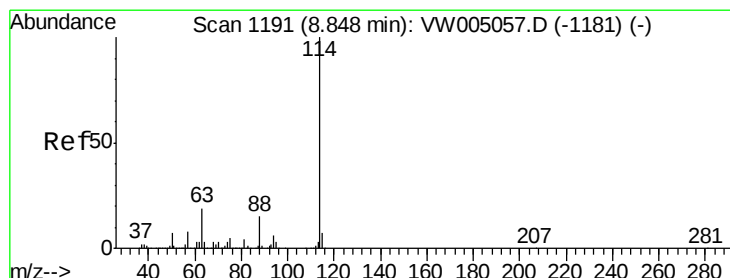
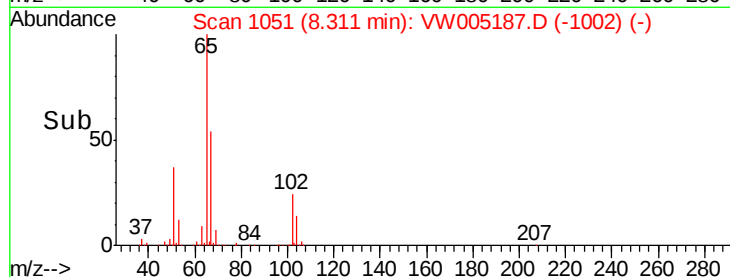
40000

20000

0

Time-->

8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005187.D

Acq: 07 Sep 2018 03:22

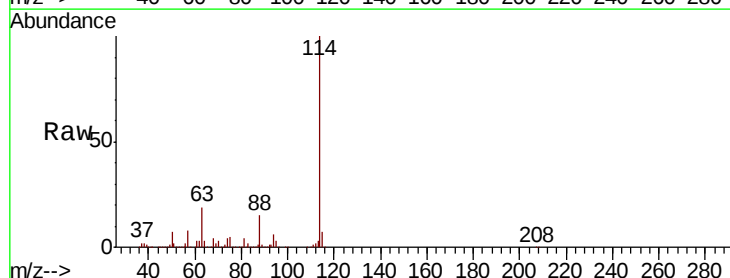
Tgt Ion: 114 Resp: 673876

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

88 15.2 0.0 30.2



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

8.85

400000

300000

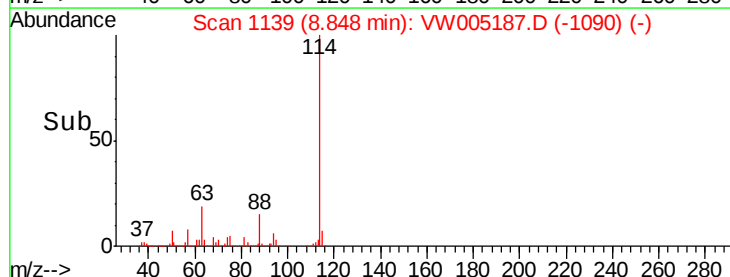
200000

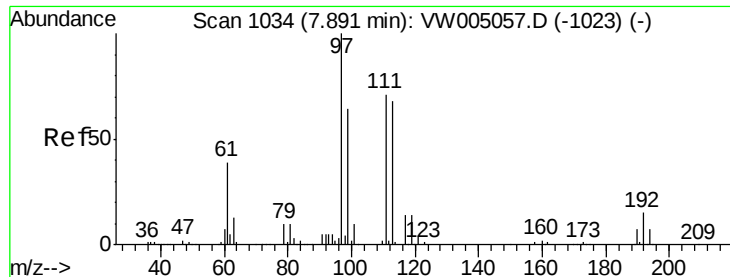
100000

0

Time-->

8.80 9.00

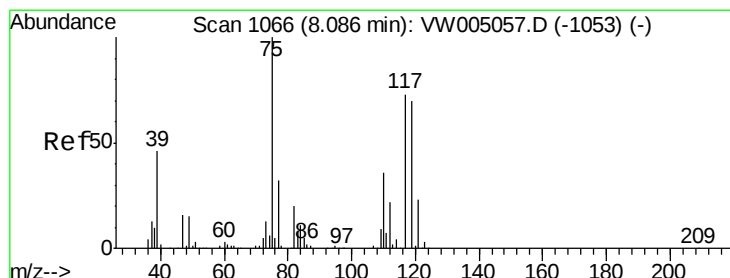
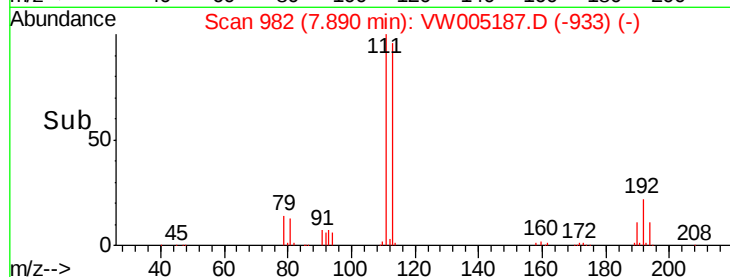
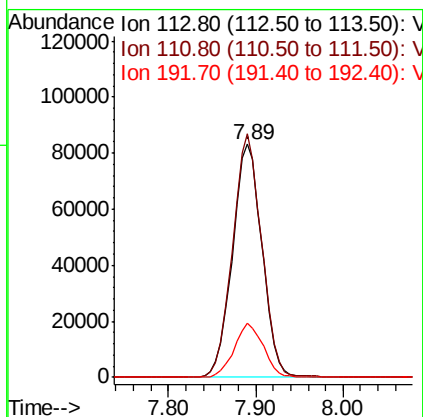
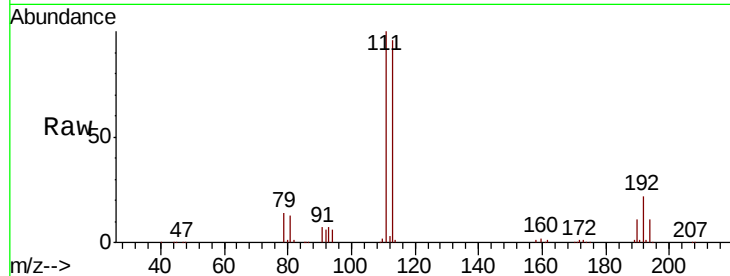




#35
 Dibromofluoromethane
 Concen: 50.107 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005187.D
 Acq: 07 Sep 2018 03:22

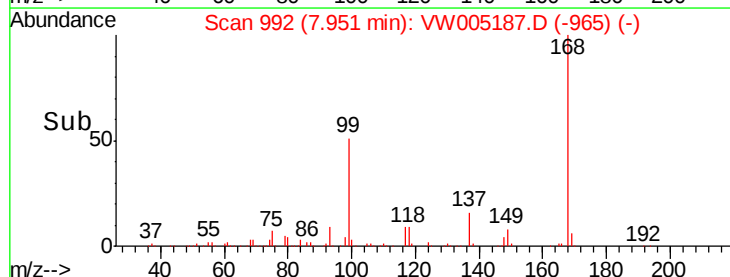
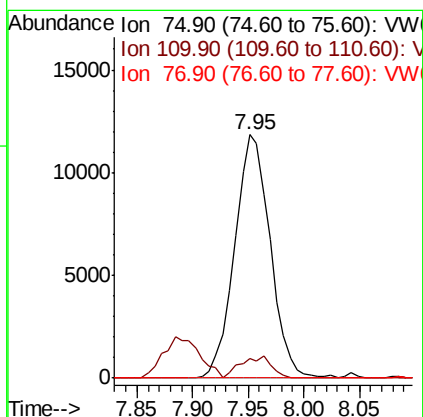
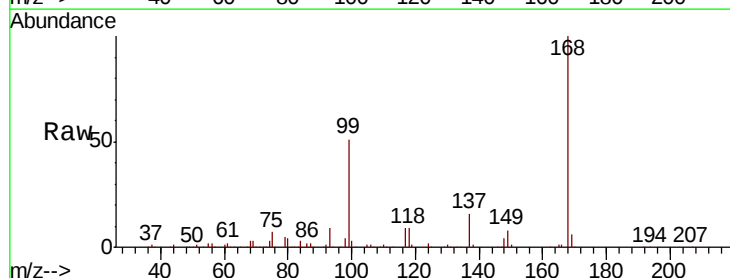
Instrument :
 MSVOA_W
 ClientSampled :
 SB-12

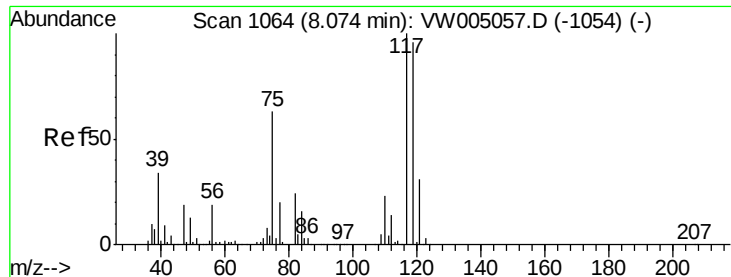
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	22.8	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.081 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005187.D
 Acq: 07 Sep 2018 03:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.9	56.7#
77	0.0	25.5	38.3#





#38

Carbon Tetrachloride

Concen: 5.773 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005187.D

Acq: 07 Sep 2018 03:22

Instrument :

MSVOA_W

ClientSampled :

SB-12

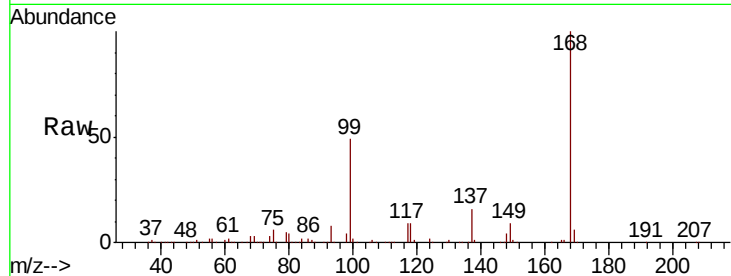
Tgt Ion:117 Resp: 35229

Ion Ratio Lower Upper

117 100

119 6.5 76.6 115.0#

121 0.0 24.8 37.2#

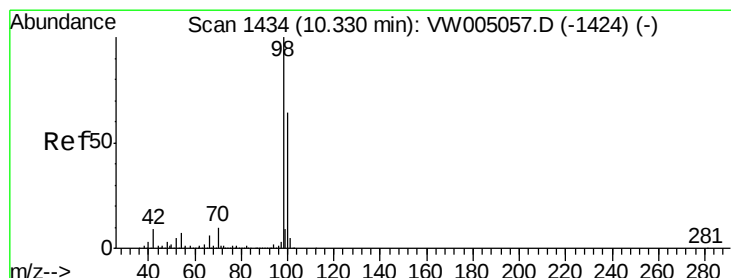
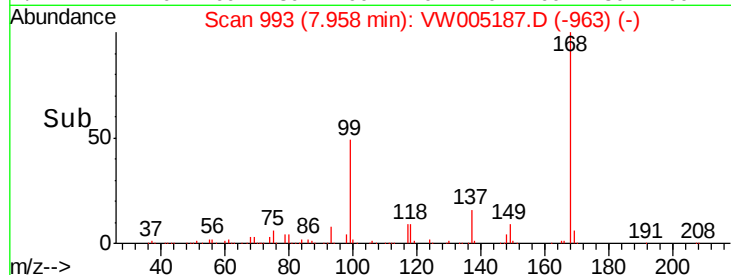
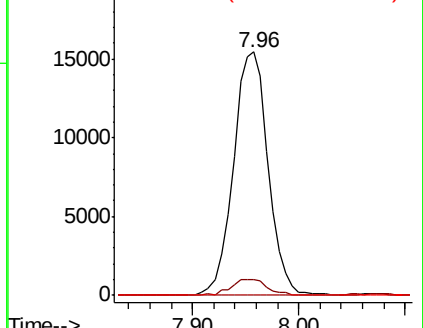


Abundance

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



#50

Toluene-d8

Concen: 44.613 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005187.D

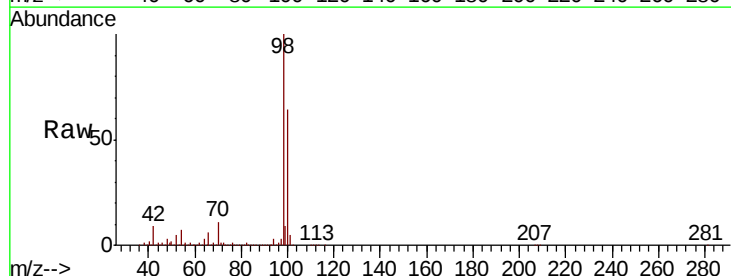
Acq: 07 Sep 2018 03:22

Tgt Ion: 98 Resp: 800532

Ion Ratio Lower Upper

98 100

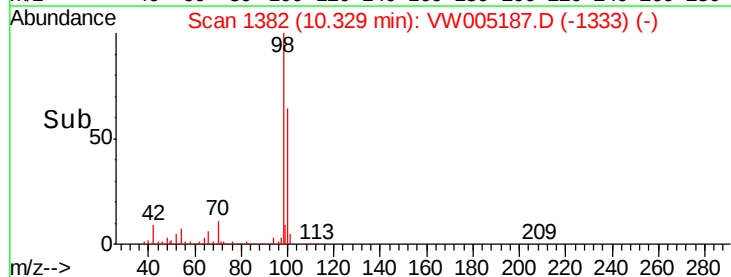
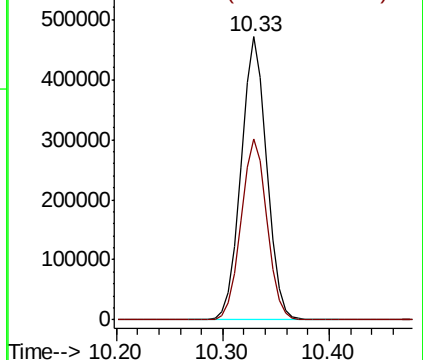
100 64.4 51.7 77.5

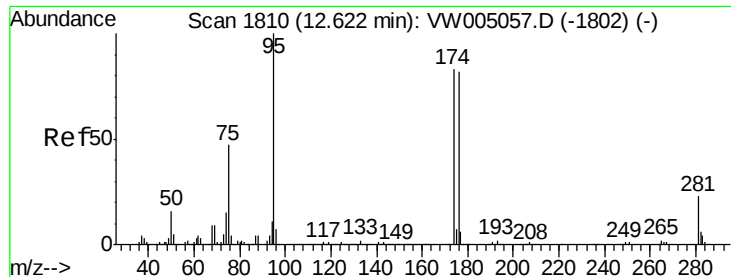


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

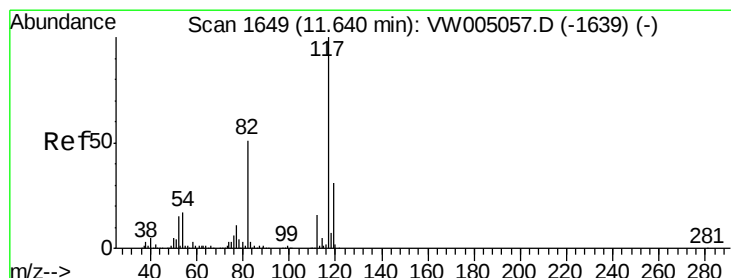
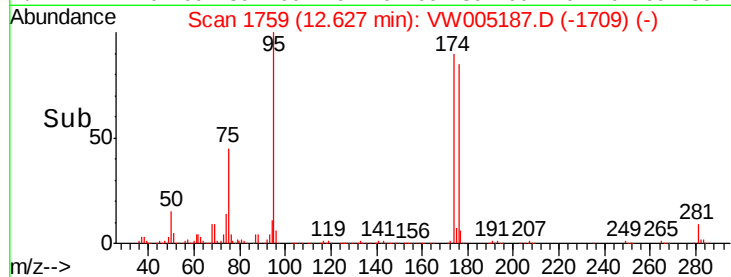
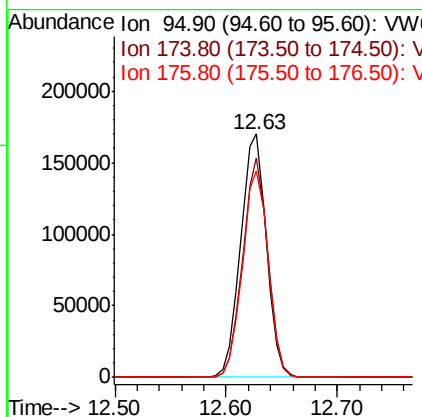
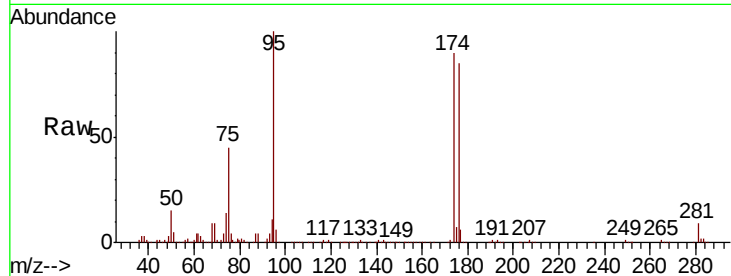




#62
4-Bromofluorobenzene
Concen: 43.100 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005187.D
Acq: 07 Sep 2018 03:22

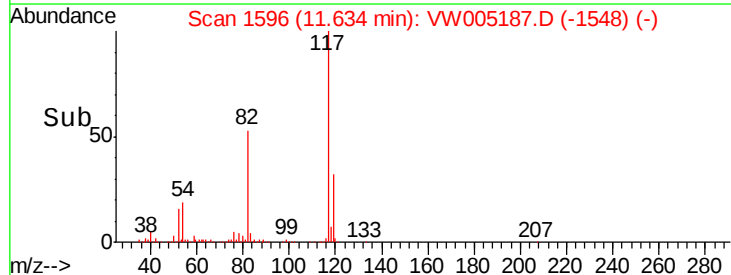
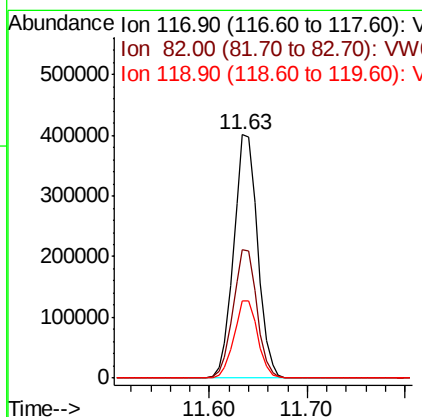
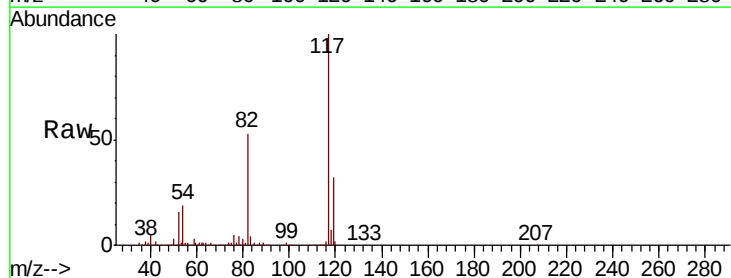
Instrument :
MSVOA_W
ClientSampleId :
SB-12

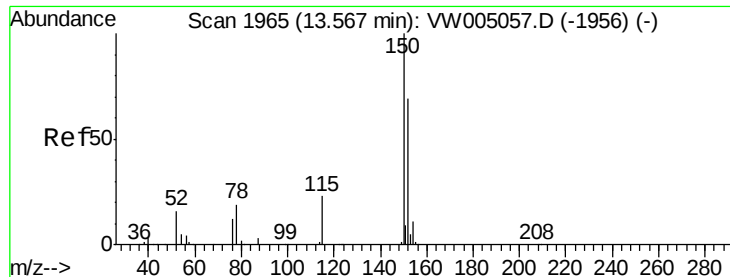
Tgt Ion: 95 Resp: 272702
Ion Ratio Lower Upper
95 100
174 88.2 0.0 173.4
176 84.9 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005187.D
Acq: 07 Sep 2018 03:22

Tgt Ion: 117 Resp: 679196
Ion Ratio Lower Upper
117 100
82 53.0 40.9 61.3
119 31.7 24.9 37.3



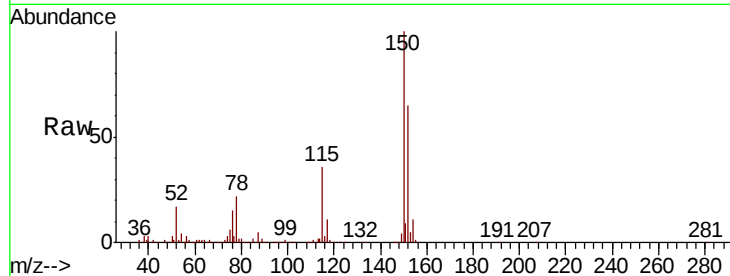


#72

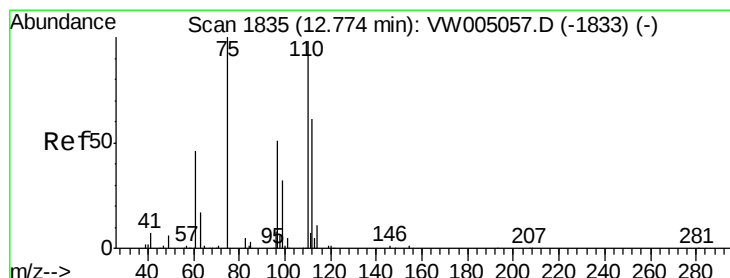
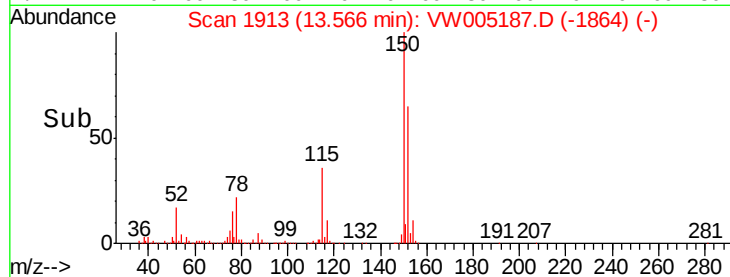
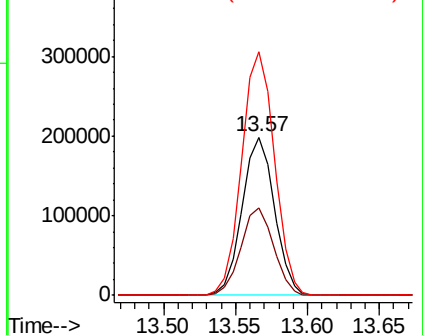
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005187.D
Acq: 07 Sep 2018 03:22

Instrument :
MSVOA_W
ClientSampled :
SB-12

Tgt Ion:152 Resp: 308995
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.4
150 156.6 0.0 351.4



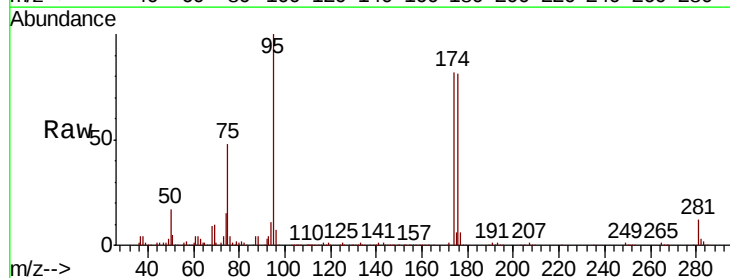
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



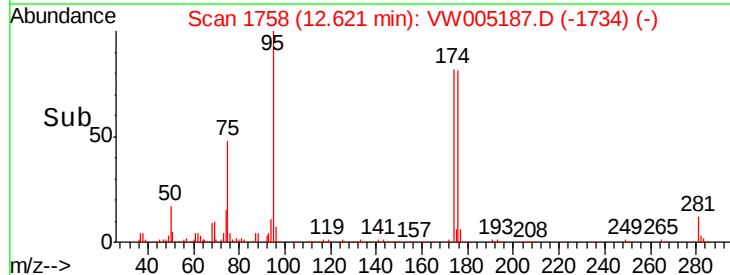
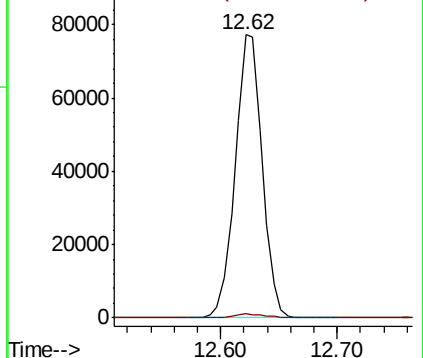
#76

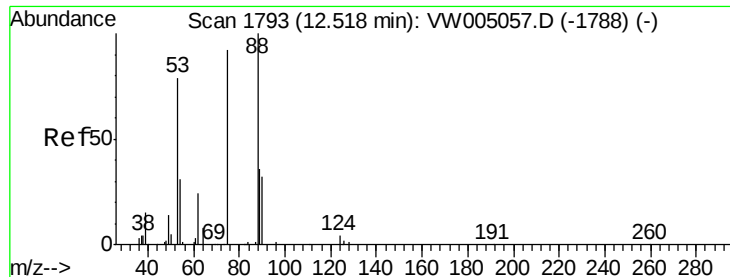
1,2,3-Trichloropropane
Concen: 53.553 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005187.D
Acq: 07 Sep 2018 03:22

Tgt Ion: 75 Resp: 124210
Ion Ratio Lower Upper
75 100
77 1.6 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: 128.896 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005187.D

Acq: 07 Sep 2018 03:22

Instrument :

MSVOA_W

ClientSampleId :

SB-12

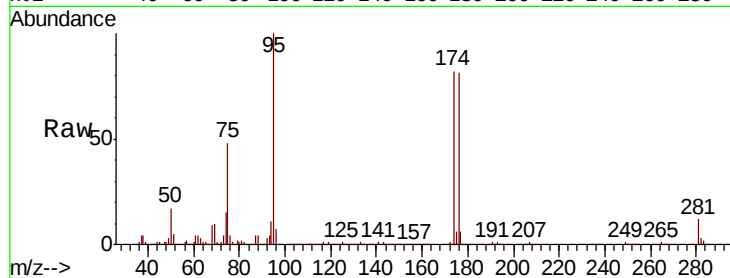
Tgt Ion: 75 Resp: 124210

Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.8#

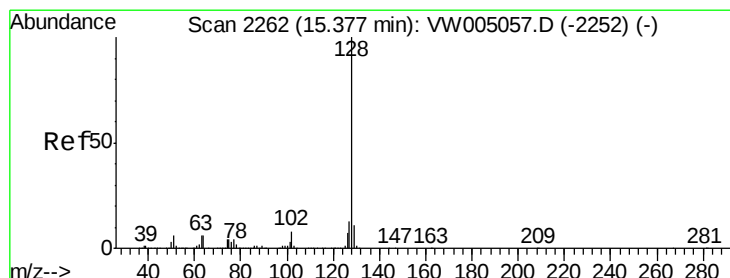
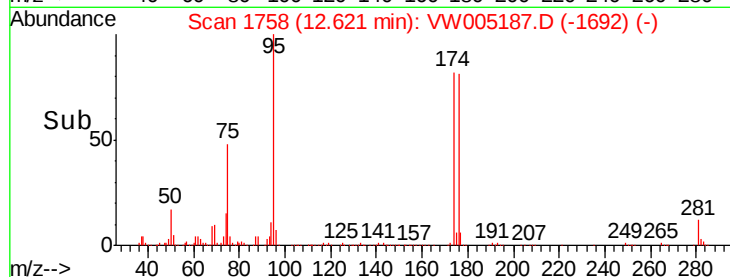
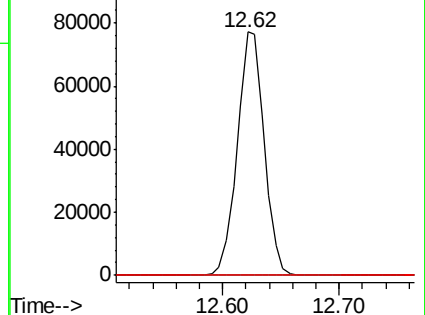
89 0.0 36.0 54.0#



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



#95

Naphthalene

Concen: 4.090 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005187.D

Acq: 07 Sep 2018 03:22

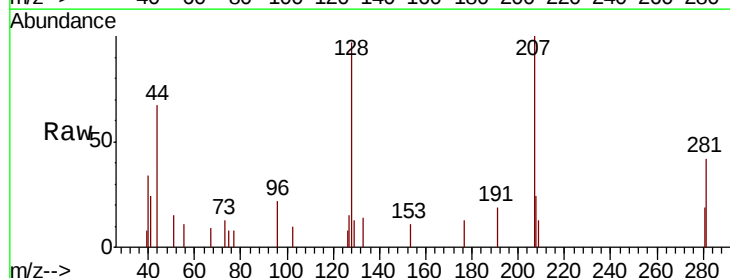
Tgt Ion: 128 Resp: 1341

Ion Ratio Lower Upper

128 100

127 11.9 10.4 15.6

129 3.9 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

