

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090718\
 Data File : VW005213.D
 Acq On : 07 Sep 2018 16:58
 Operator : SY/AP
 Sample : J4748-04RE
 Misc : 5.75G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01RE

Quant Time: Sep 08 01:20:12 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	559853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	882815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	810997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	349669	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	194531	41.92	ug/l	0.00
Spiked Amount			Recovery	=	83.84%	
35) Dibromofluoromethane	7.89	113	102821	20.15	ug/l	0.00
Spiked Amount			Recovery	=	40.30%	
50) Toluene-d8	10.33	98	816799	34.75	ug/l	0.00
Spiked Amount			Recovery	=	69.50%	
62) 4-Bromofluorobenzene	12.63	95	259908	31.36	ug/l	0.00
Spiked Amount			Recovery	=	62.72%	

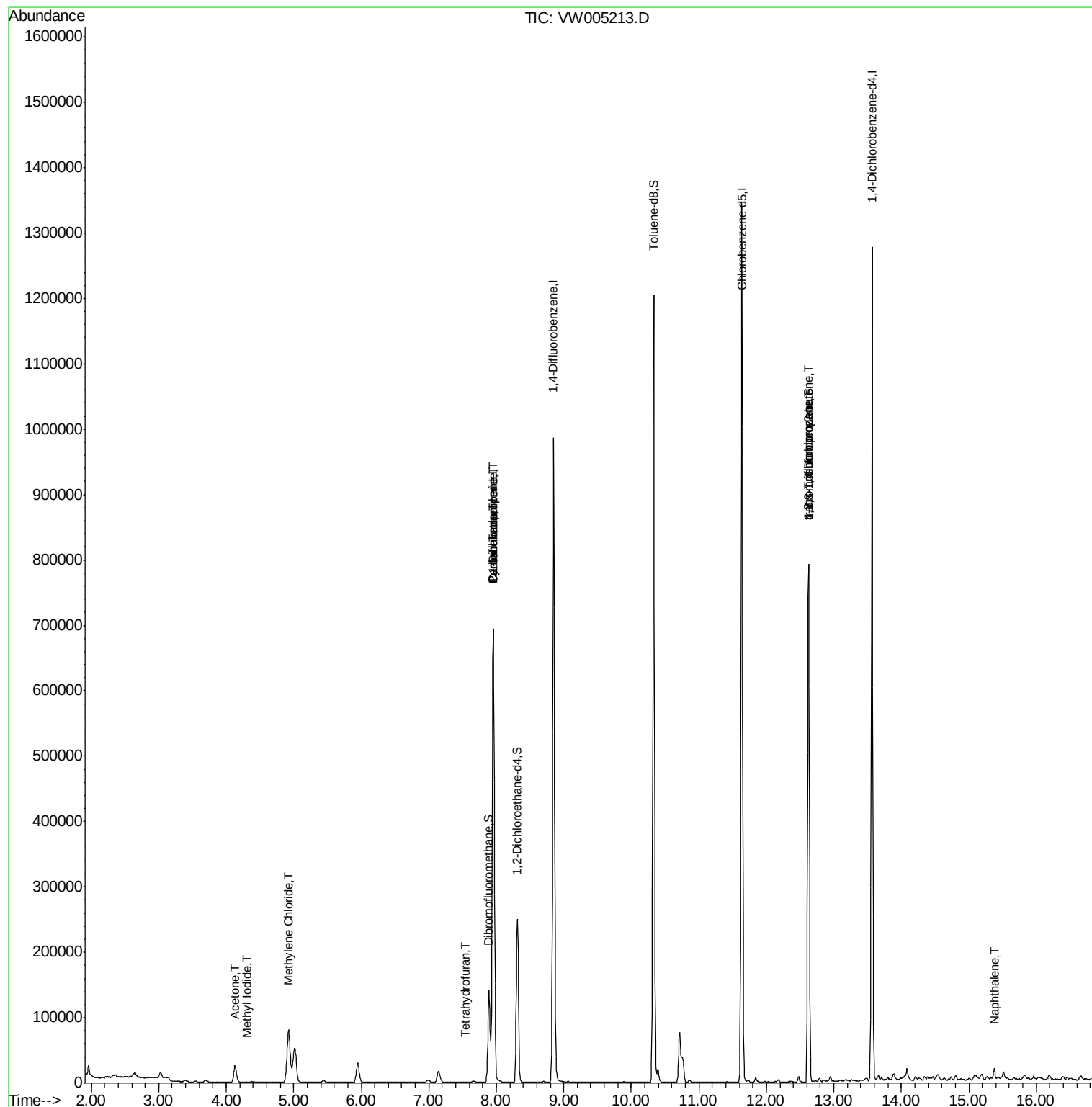
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	307	Below Cal	#	77
10) Methyl Iodide	4.30	142	49	3.825	ug/l #	44
11) Tert butyl alcohol	5.17	59	1057	Below Cal	#	72
16) Acetone	4.13	43	46961	50.456	ug/l	96
20) Methylene Chloride	4.93	84	67203	7.369	ug/l	97
29) Tetrahydrofuran	7.54	42	941	1.141	ug/l #	89
31) Cyclohexane	7.96	56	9567	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	38267	4.551	ug/l #	47
38) Carbon Tetrachloride	7.96	117	49523	6.195	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	119636	45.581	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	119636	109.708	ug/l #	15
95) Naphthalene	15.38	128	14786	5.059	ug/l #	96

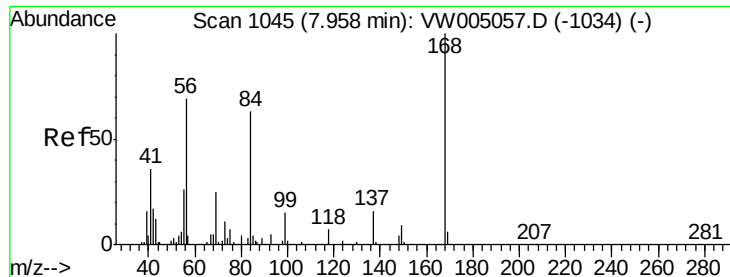
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005213.D

Acq: 07 Sep 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

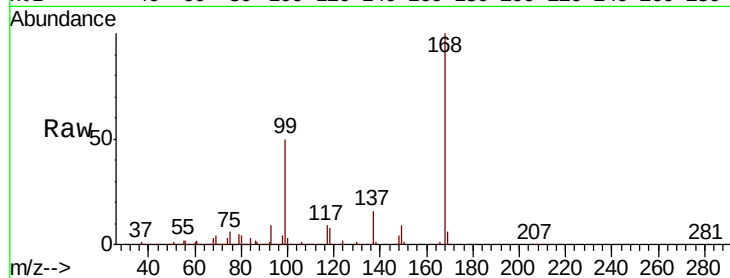
SB-01RE

Tgt Ion:168 Resp: 559853

Ion Ratio Lower Upper

168 100

99 49.6 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

250000

200000

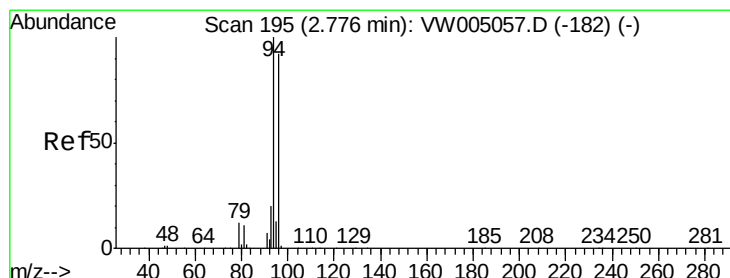
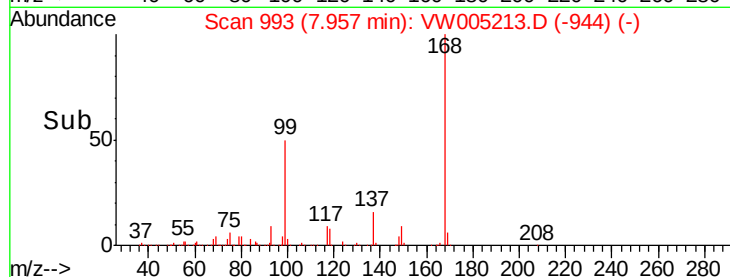
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW005213.D

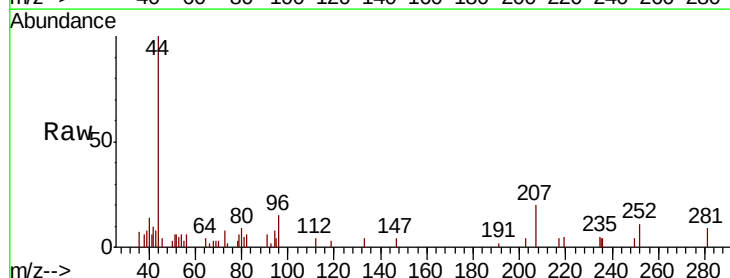
Acq: 07 Sep 2018 16:58

Tgt Ion: 94 Resp: 307

Ion Ratio Lower Upper

94 100

96 112.9 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

400

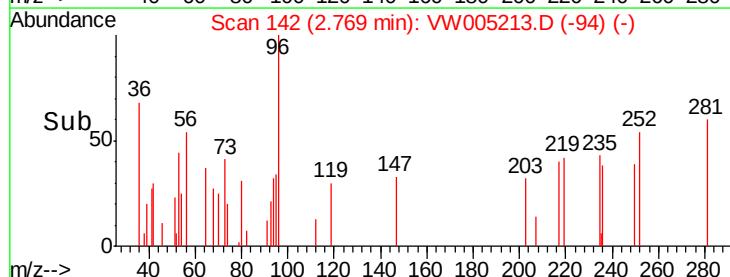
300

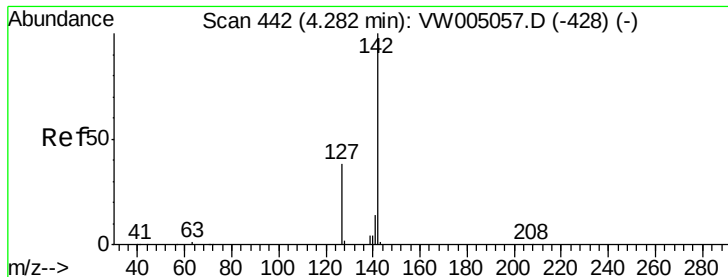
200

100

0

Time-->

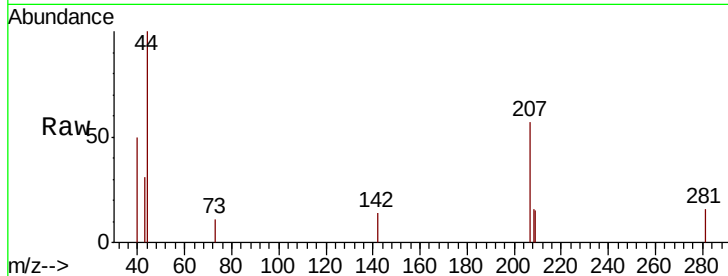




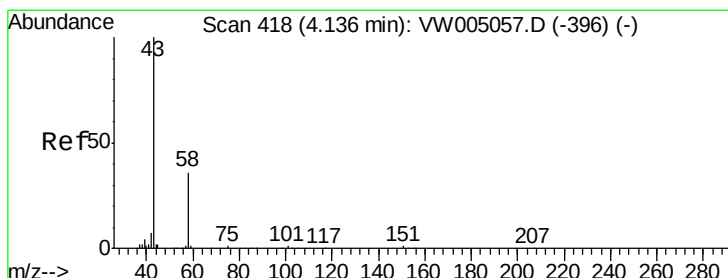
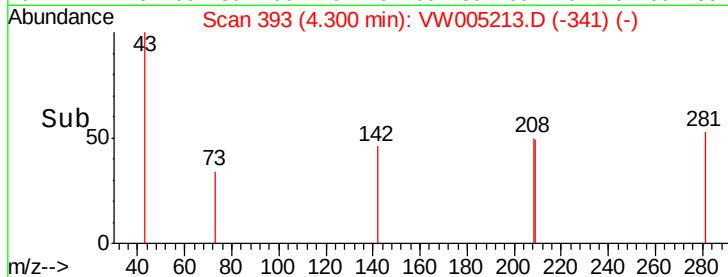
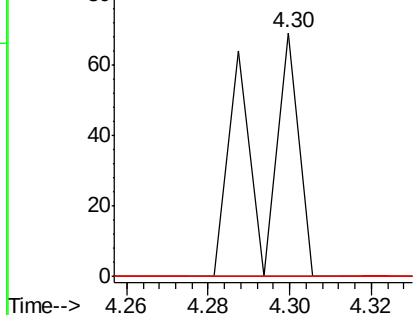
#10
Methyl Iodide
Concen: 3.825 ug/l
RT: 4.30 min Scan# 393
Delta R.T. 0.02 min
Lab File: VW005213.D
Acq: 07 Sep 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
SB-01RE

Tgt Ion:142 Resp: 49
Ion Ratio Lower Upper
142 100
127 0.0 30.8 46.2#
141 0.0 11.6 17.4#

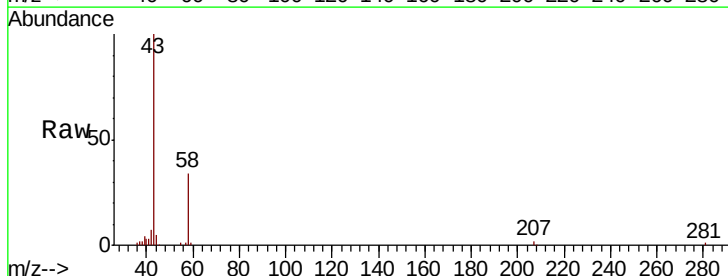


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

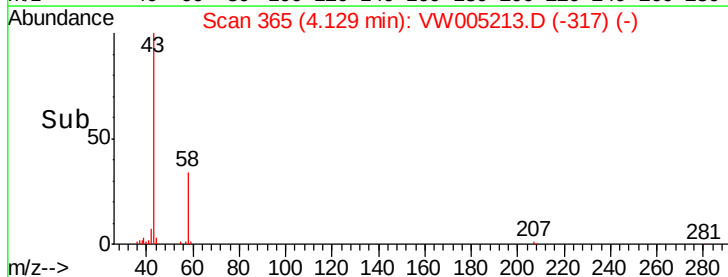
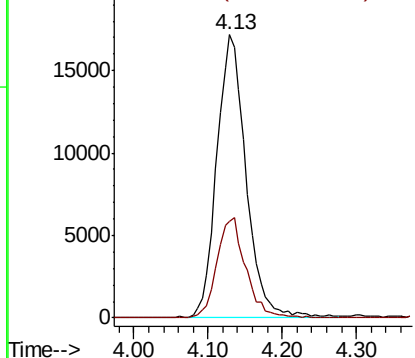


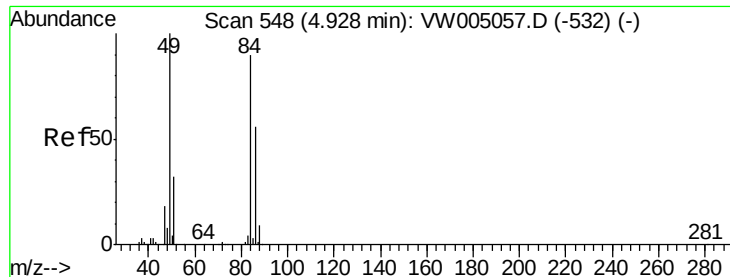
#16
Acetone
Concen: 50.456 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW005213.D
Acq: 07 Sep 2018 16:58

Tgt Ion: 43 Resp: 46961
Ion Ratio Lower Upper
43 100
58 34.2 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW
20000 Ion 58.00 (57.70 to 58.70): VW

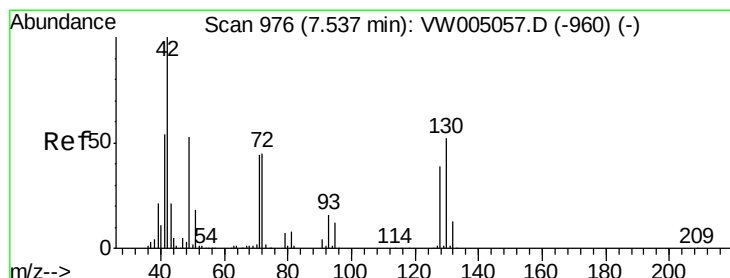
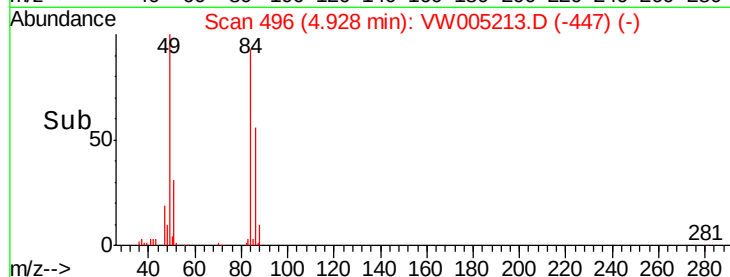
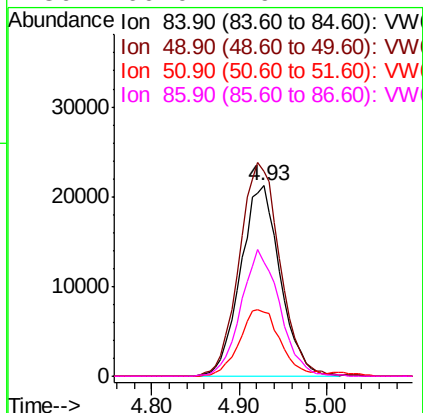
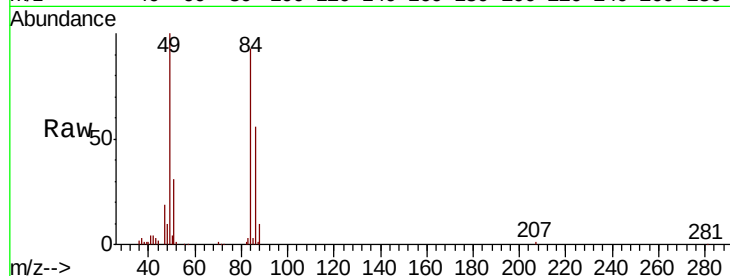




#20
Methylene Chloride
Concen: 7.369 ug/l
RT: 4.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VW005213.D
Acq: 07 Sep 2018 16:58

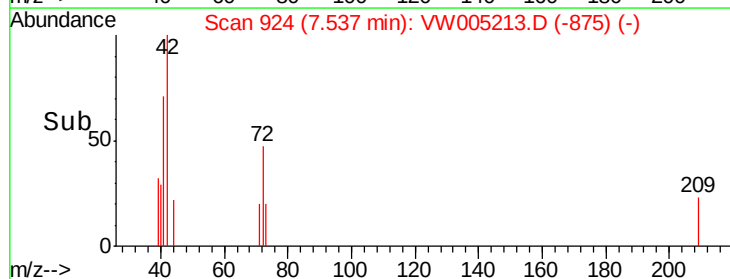
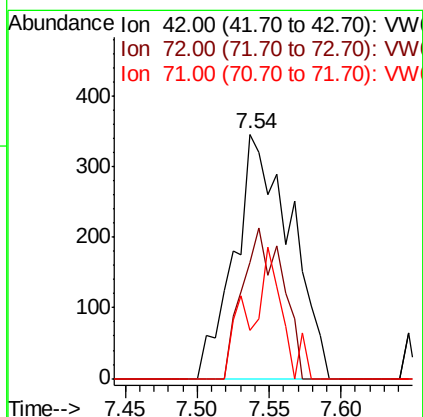
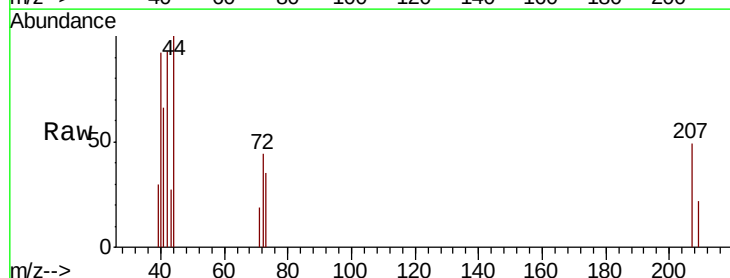
Instrument :
MSVOA_W
ClientSampleId :
SB-01RE

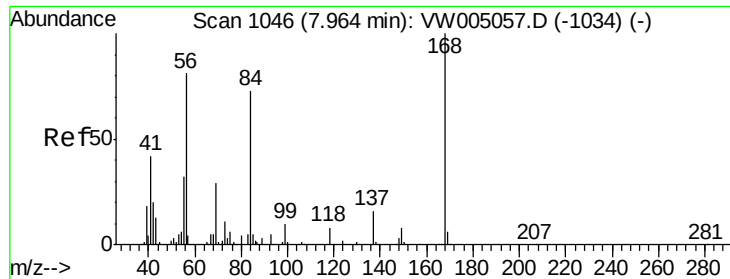
Tgt Ion:	84	Resp:	67203
Ion	Ratio	Lower	Upper
84	100		
49	107.5	88.7	133.1
51	33.3	28.6	42.8
86	60.0	49.4	74.2



#29
Tetrahydrofuran
Concen: 1.141 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005213.D
Acq: 07 Sep 2018 16:58

Tgt Ion:	42	Resp:	941
Ion	Ratio	Lower	Upper
42	100		
72	43.9	37.0	55.4
71	31.5	35.0	52.6#

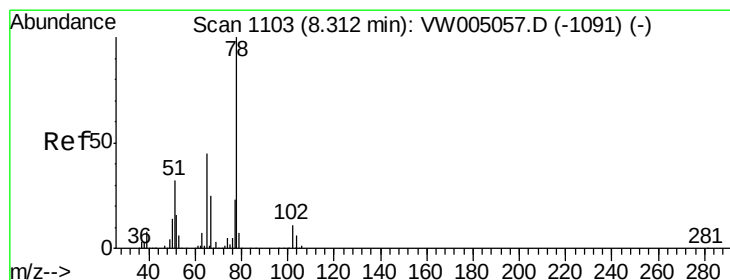
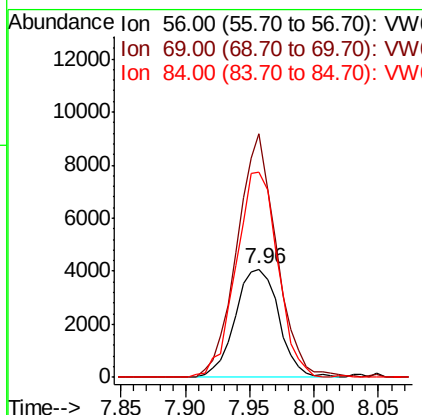
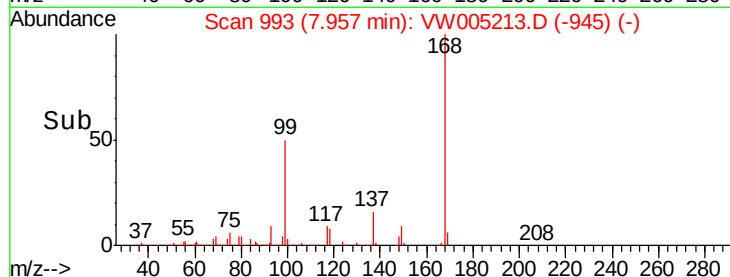
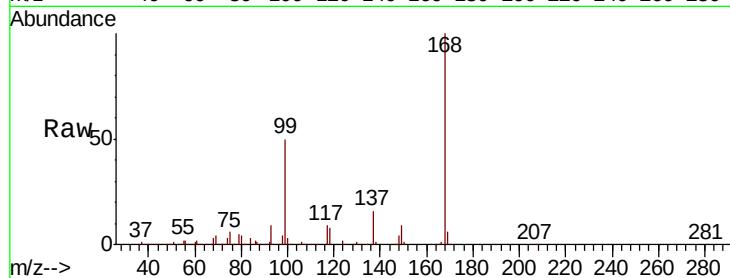




#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005213.D
Acq: 07 Sep 2018 16:58

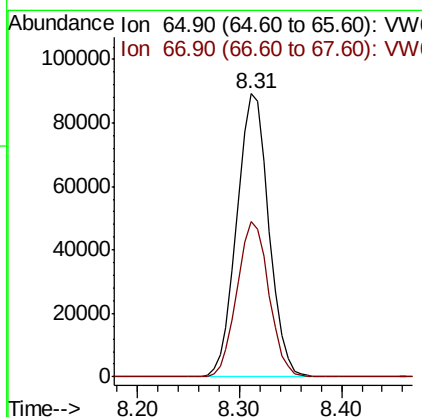
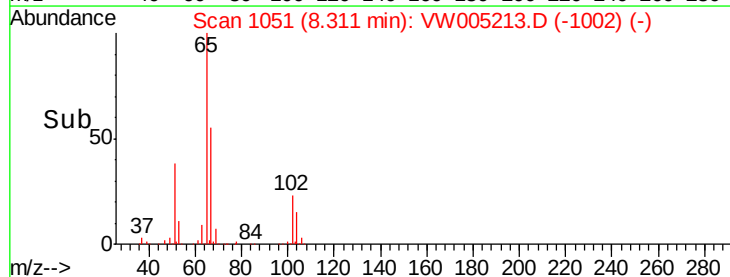
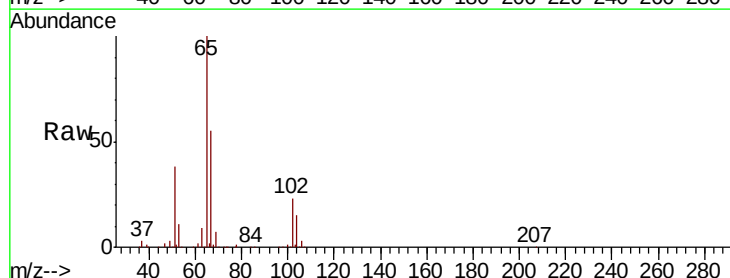
Instrument :
MSVOA_W
ClientSampleId :
SB-01RE

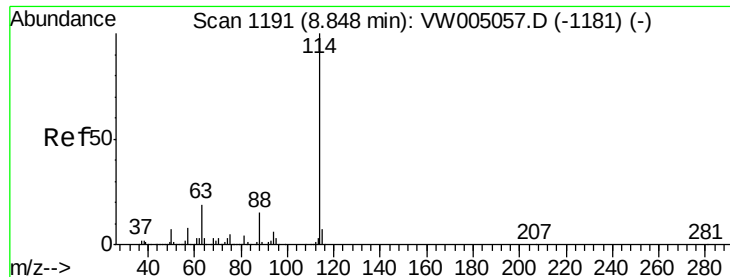
Tgt Ion: 56 Resp: 9567
Ion Ratio Lower Upper
56 100
69 224.5 28.2 42.2#
84 189.2 71.8 107.8#



#33
1,2-Dichloroethane-d4
Concen: 41.916 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005213.D
Acq: 07 Sep 2018 16:58

Tgt Ion: 65 Resp: 194531
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005213.D

Acq: 07 Sep 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

SB-01RE

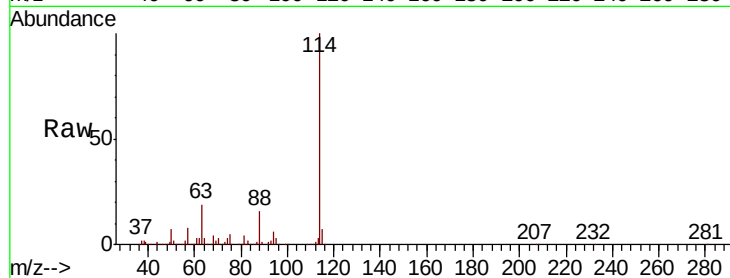
Tgt Ion:114 Resp: 882815

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

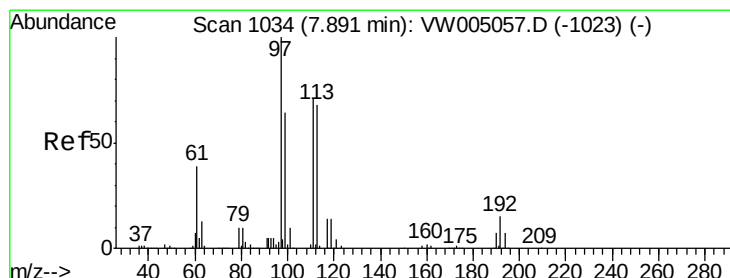
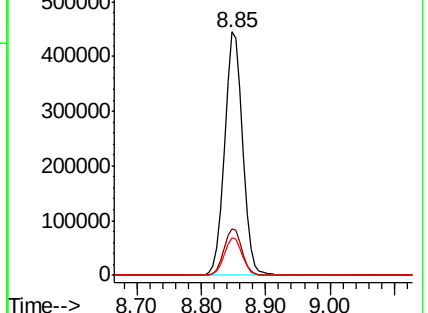
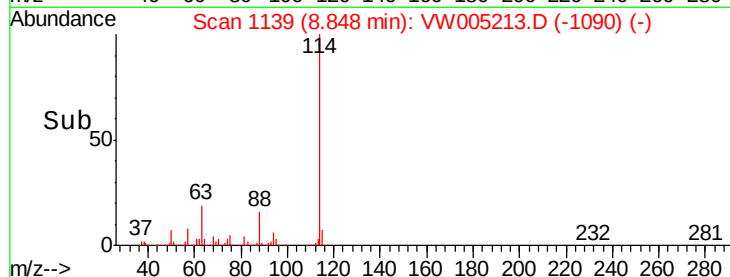
88 15.6 0.0 30.2



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



#35

Dibromofluoromethane

Concen: 20.154 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005213.D

Acq: 07 Sep 2018 16:58

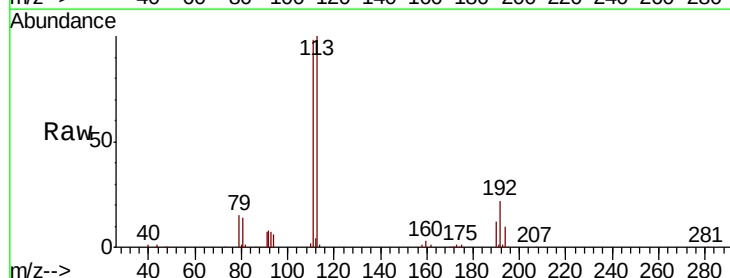
Tgt Ion:113 Resp: 102821

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

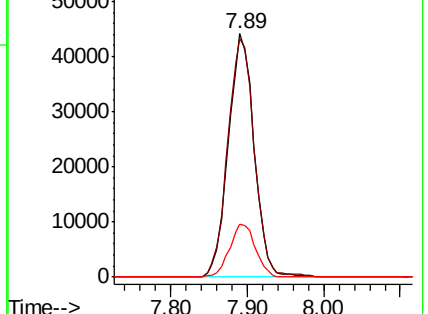
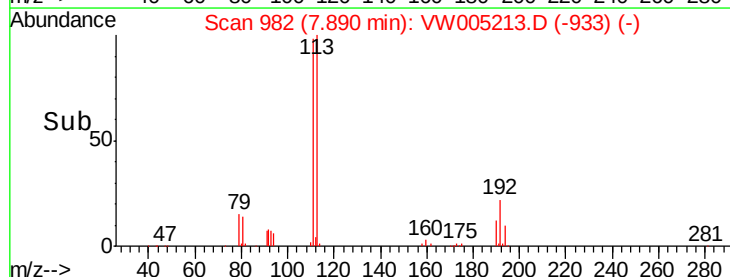
192 21.9 18.1 27.1

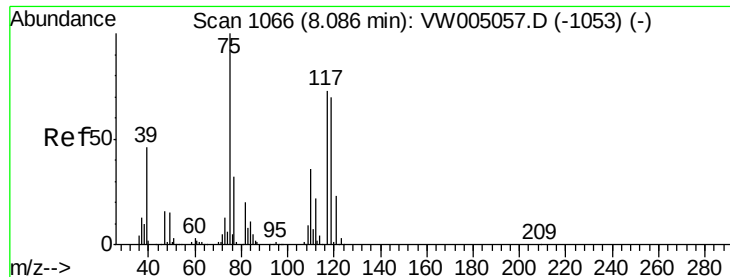


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.551 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.13 min

Lab File: VW005213.D

Acq: 07 Sep 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

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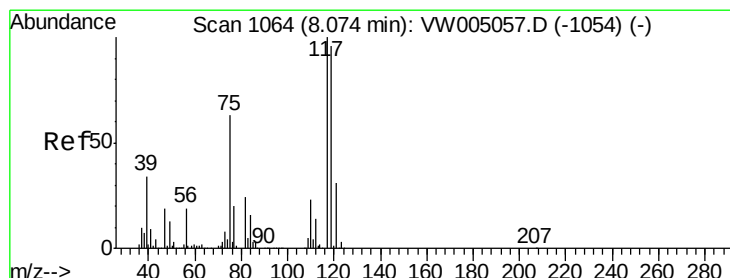
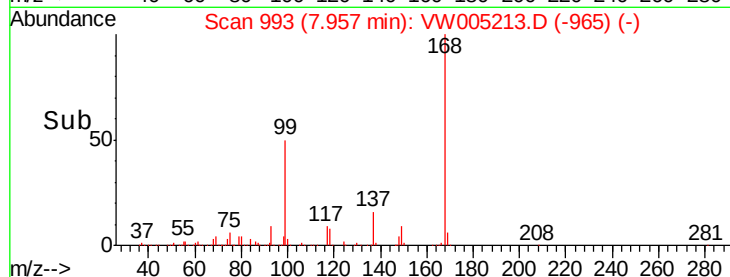
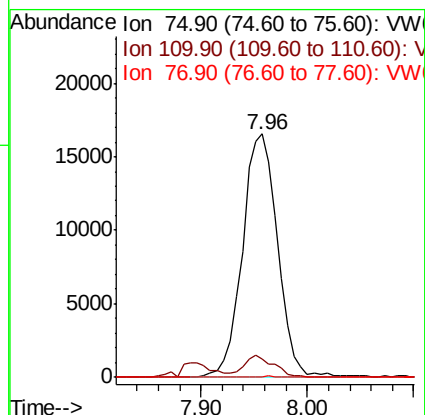
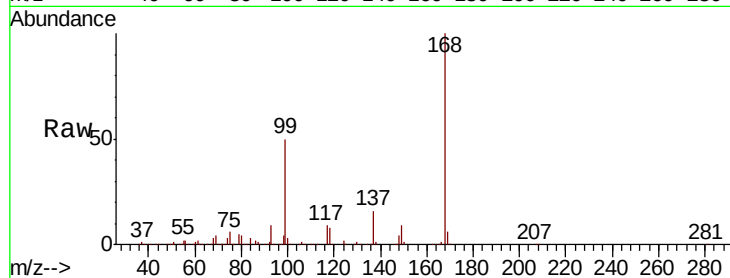
Tgt Ion: 75 Resp: 38267

Ion Ratio Lower Upper

75 100

110 7.6 18.9 56.7#

77 0.1 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 6.195 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005213.D

Acq: 07 Sep 2018 16:58

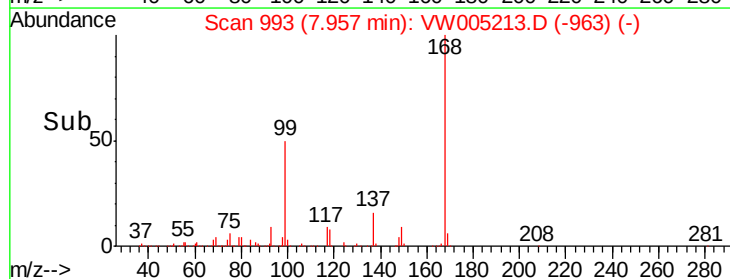
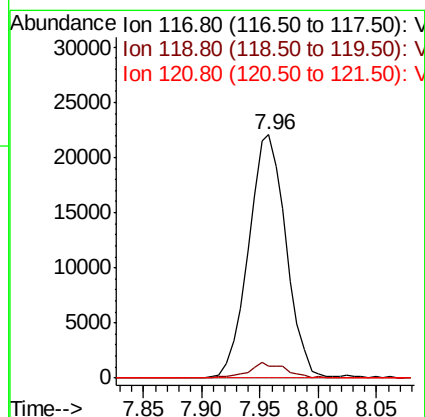
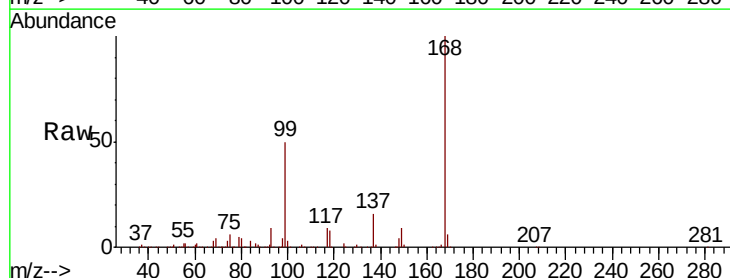
Tgt Ion: 117 Resp: 49523

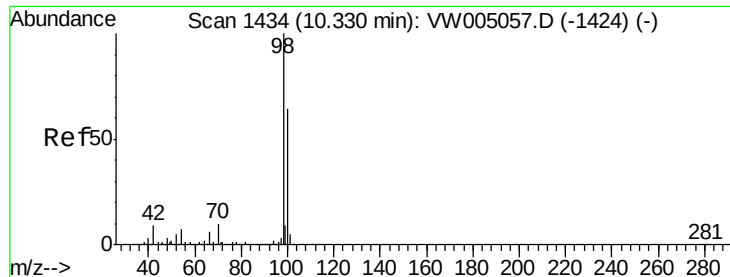
Ion Ratio Lower Upper

117 100

119 5.1 76.6 115.0#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 34.746 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005213.D

Acq: 07 Sep 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

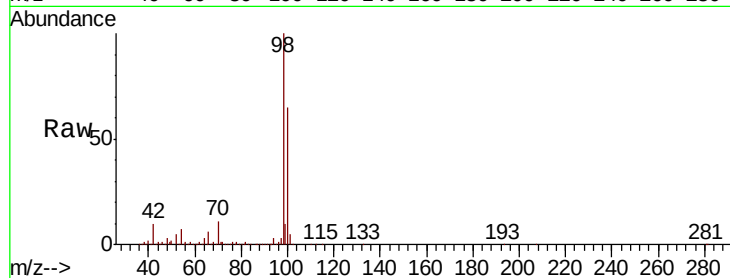
SB-01RE

Tgt Ion: 98 Resp: 816799

Ion Ratio Lower Upper

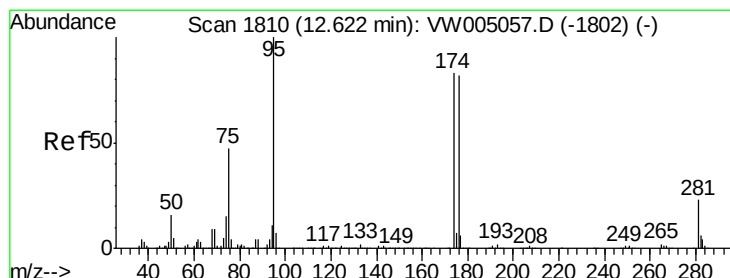
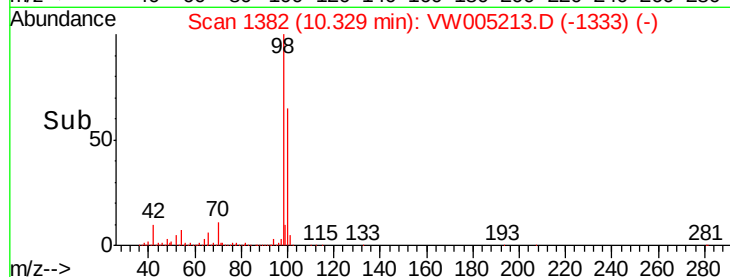
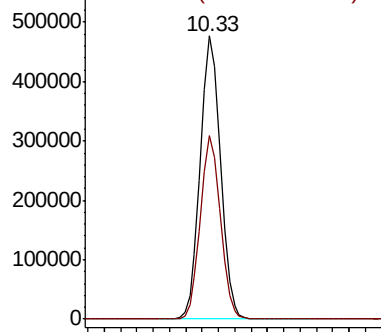
98 100

100 64.1 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: 31.356 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005213.D

Acq: 07 Sep 2018 16:58

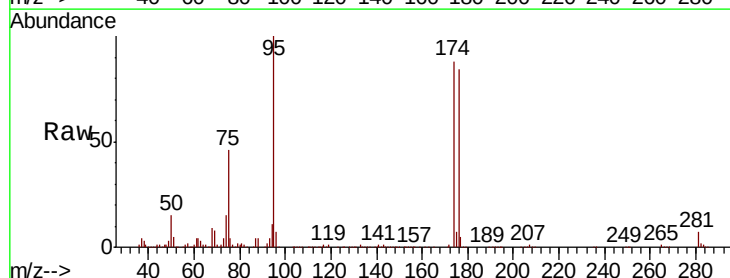
Tgt Ion: 95 Resp: 259908

Ion Ratio Lower Upper

95 100

174 86.6 0.0 173.4

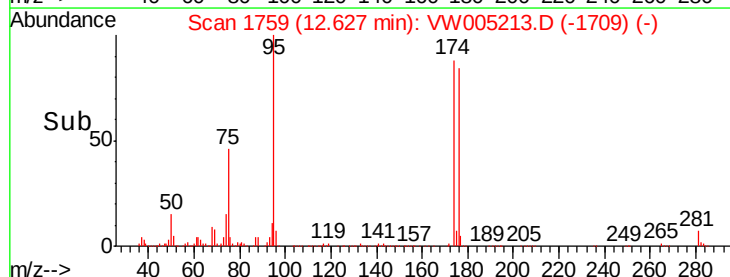
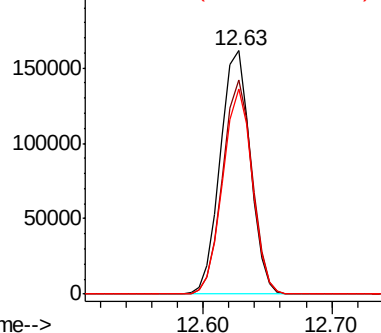
176 82.9 0.0 167.4

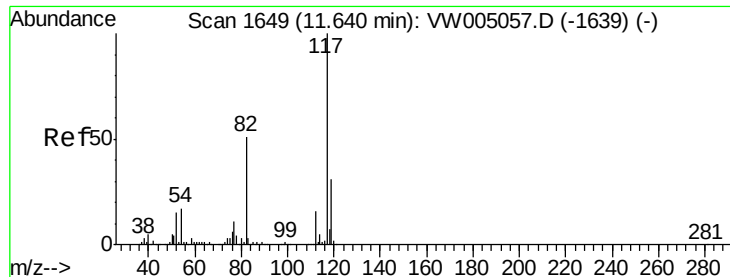


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

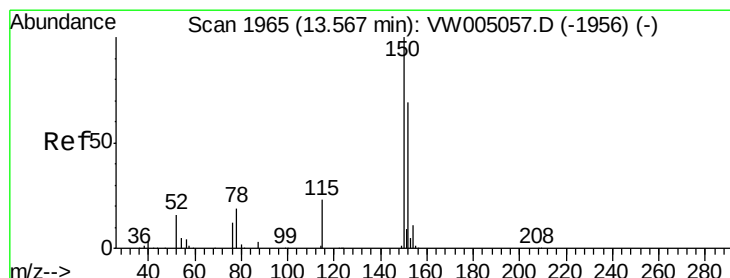
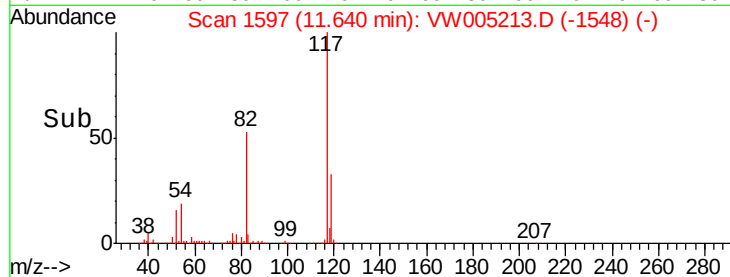
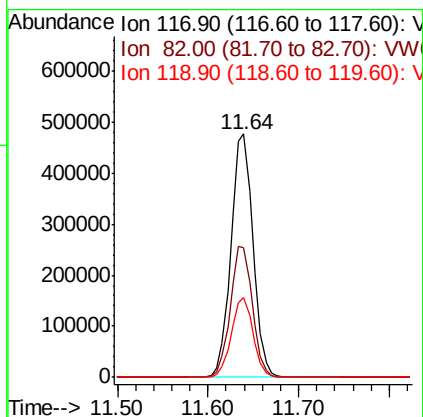
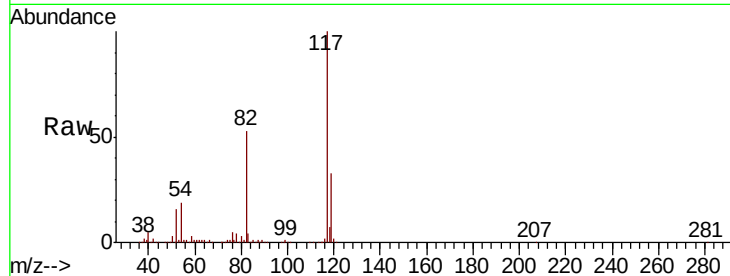




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005213.D
Acq: 07 Sep 2018 16:58

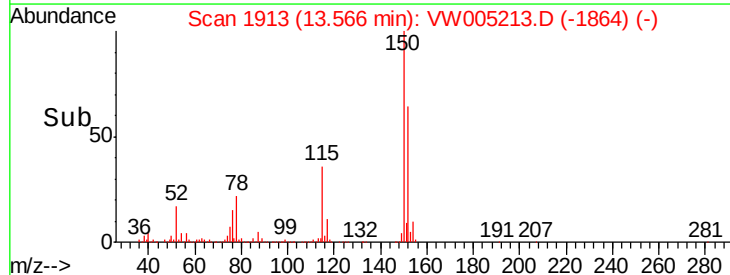
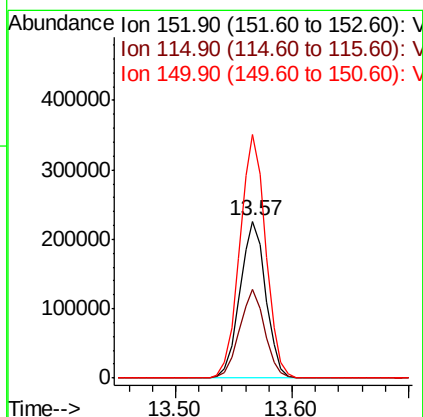
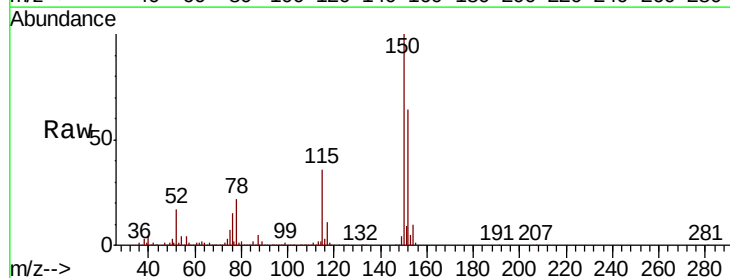
Instrument :
MSVOA_W
ClientSampleId :
SB-01RE

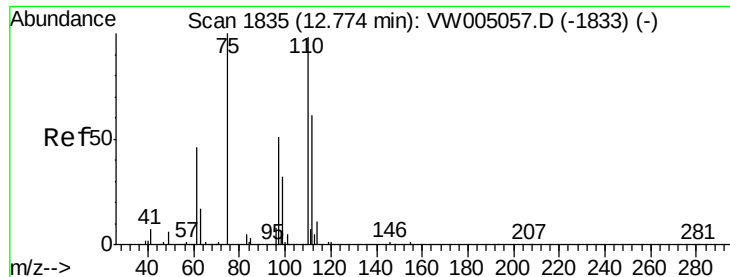
Tgt Ion:117 Resp: 810997
Ion Ratio Lower Upper
117 100
82 53.5 40.9 61.3
119 32.5 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005213.D
Acq: 07 Sep 2018 16:58

Tgt Ion:152 Resp: 349669
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 155.5 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 45.581 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005213.D

Acq: 07 Sep 2018 16:58

Instrument :

MSVOA_W

ClientSampled :

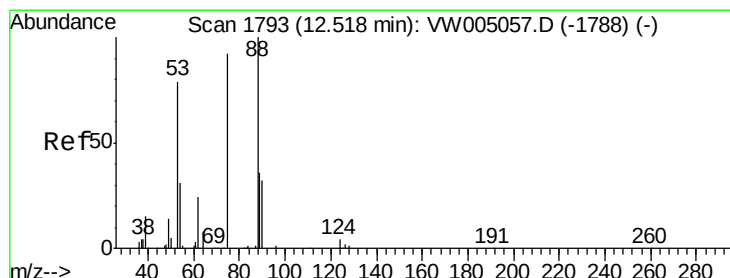
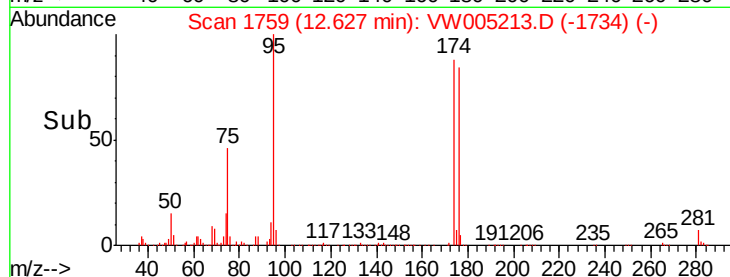
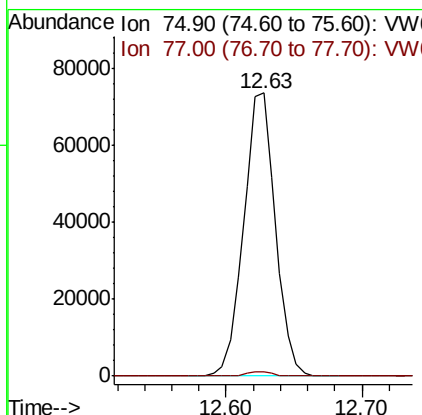
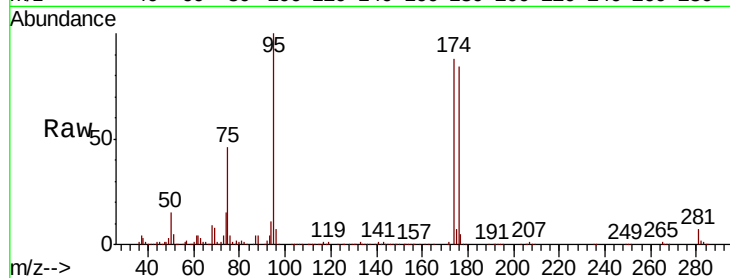
SB-01RE

Tgt Ion: 75 Resp: 119636

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 109.708 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005213.D

Acq: 07 Sep 2018 16:58

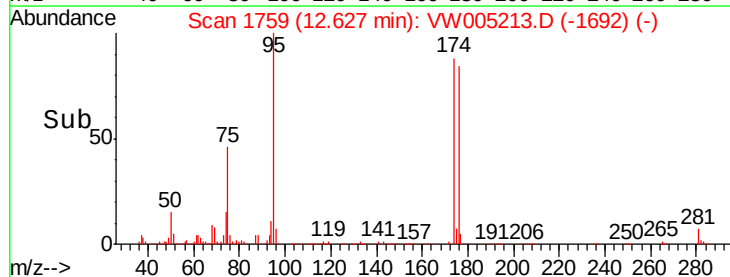
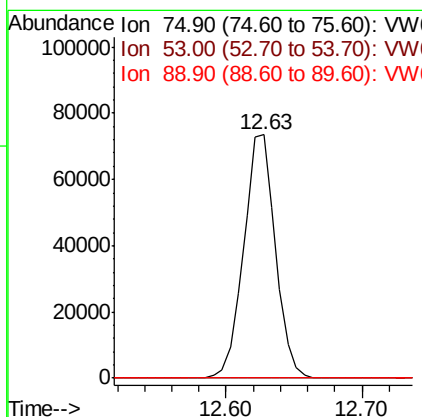
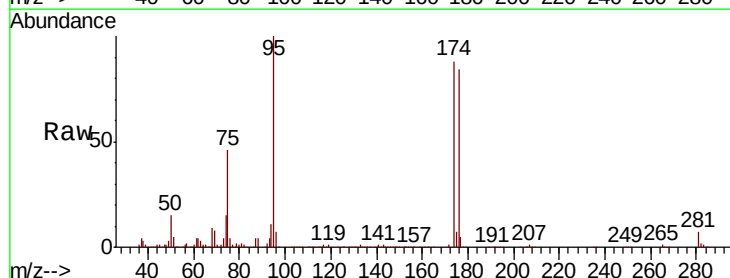
Tgt Ion: 75 Resp: 119636

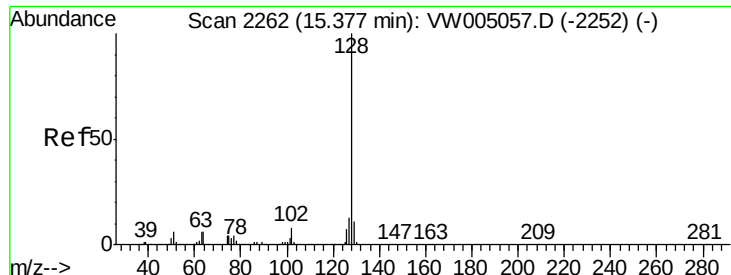
Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.8#

89 0.1 36.0 54.0#

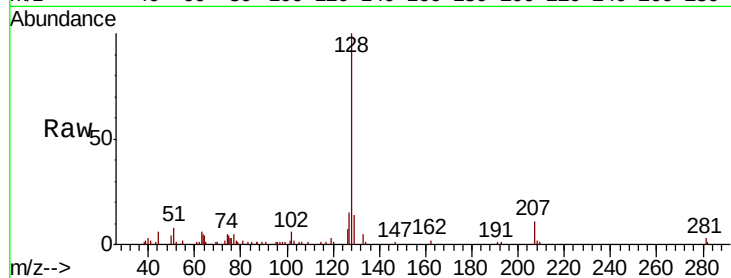




#95
Naphthalene
Concen: 5.059 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005213.D
Acq: 07 Sep 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
SB-01RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	13.9	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

