

Data File : VW005140.D
Acq On : 05 Sep 2018 20:01
Operator : SY/AP
Sample : J4712-07RE
Misc : 5.17G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-05RE

Quant Time: Sep 06 01:22:15 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	518405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	823721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	701321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	207691	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	303802	70.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.40%	
35) Dibromofluoromethane	7.89	113	276830	58.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.32%	
50) Toluene-d8	10.33	98	1105979	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	283682	36.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.36%	

Target Compounds

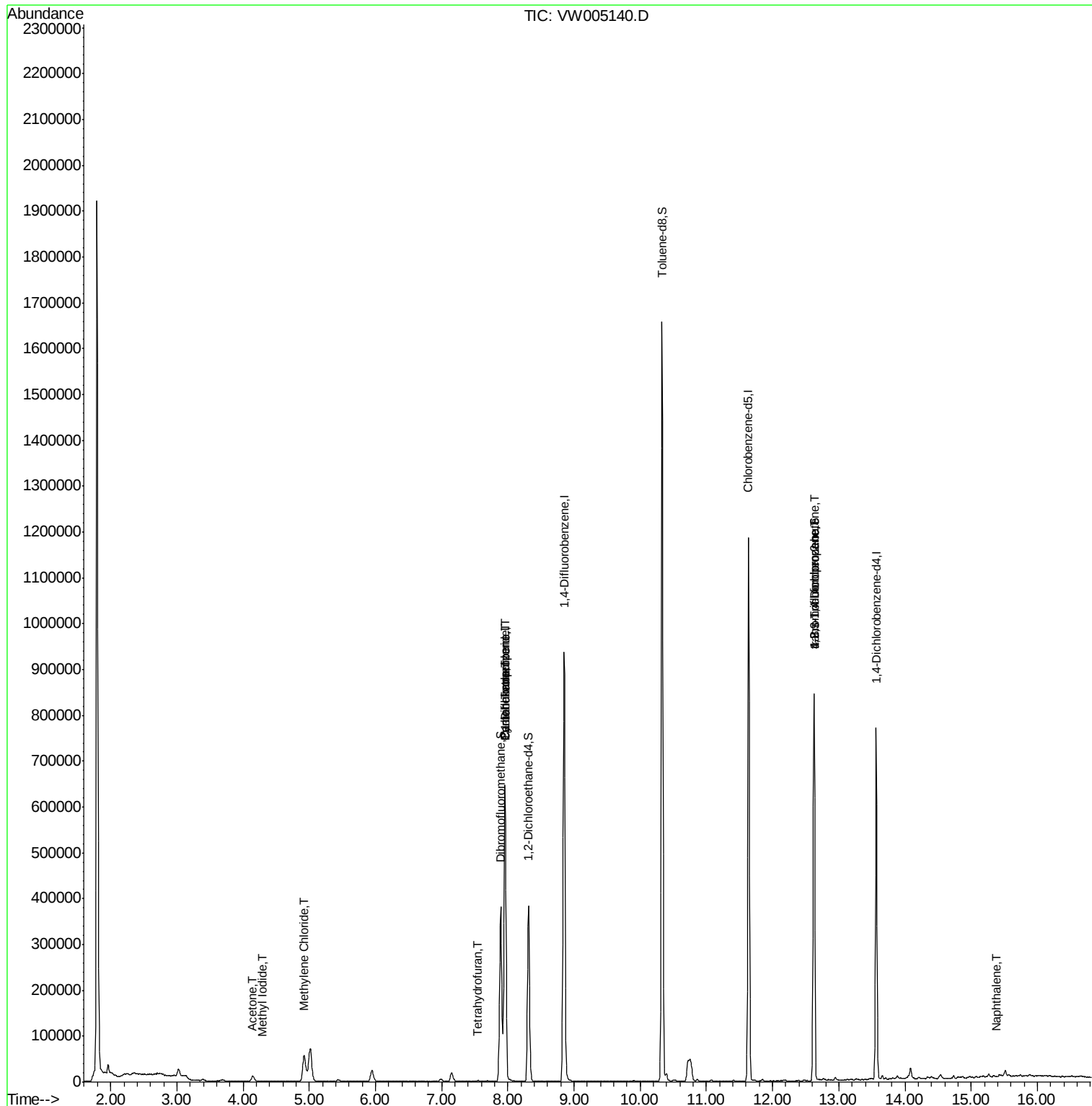
					Qvalue	
5) Bromomethane	2.77	94	325	Below Cal		99
10) Methyl Iodide	4.28	142	46	3.825 ug/l #		44
11) Tert butyl alcohol	5.20	59	247	Below Cal #		72
16) Acetone	4.14	43	20709	24.029 ug/l		95
20) Methylene Chloride	4.93	84	46051	4.356 ug/l		94
29) Tetrahydrofuran	7.54	42	1378	1.804 ug/l #		90
31) Cyclohexane	7.96	56	9509	1.127 ug/l #		1
36) 1,1-Dichloropropene	7.96	75	36142	4.607 ug/l #		47
38) Carbon Tetrachloride	7.95	117	47621	6.384 ug/l #		17
76) 1,2,3-Trichloropropane	12.62	75	129307	82.944 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	129307	199.636 ug/l #		15
95) Naphthalene	15.38	128	1703	4.189 ug/l #		90

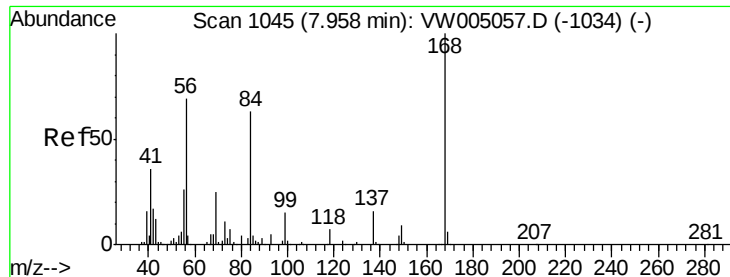
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005140.D

Acq: 05 Sep 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

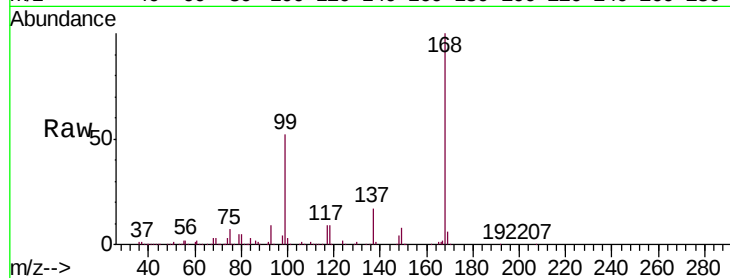
SB-05RE

Tgt Ion:168 Resp: 518405

Ion Ratio Lower Upper

168 100

99 51.5 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

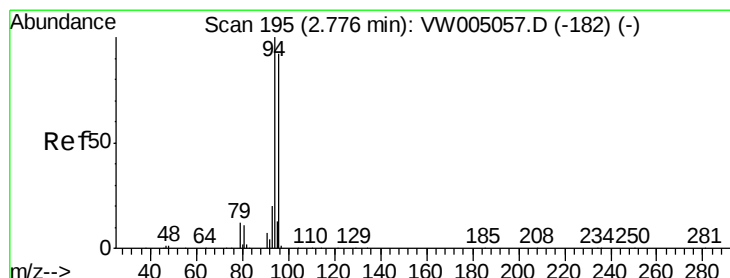
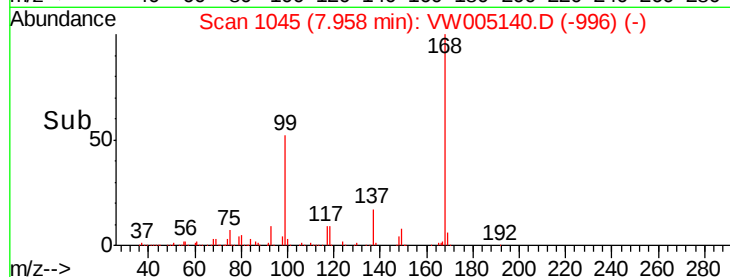
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005140.D

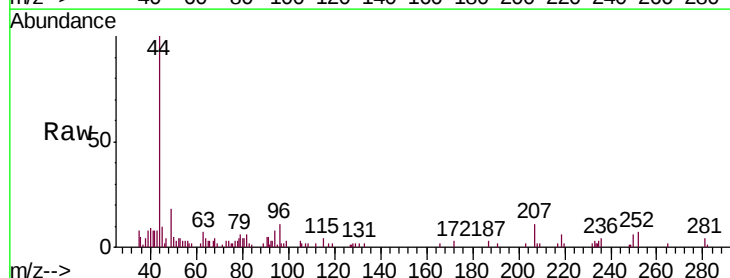
Acq: 05 Sep 2018 20:01

Tgt Ion: 94 Resp: 325

Ion Ratio Lower Upper

94 100

96 90.9 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

500

400

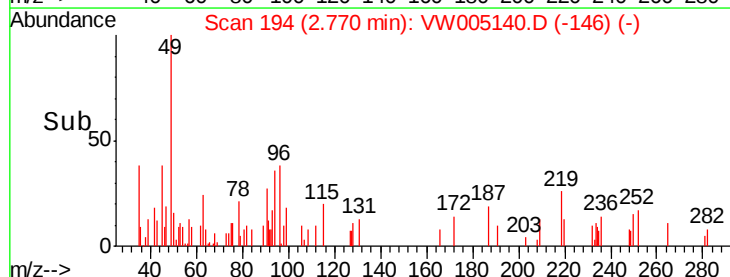
300

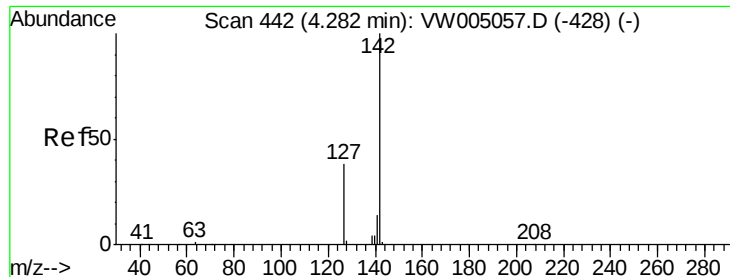
200

100

0

Time-->

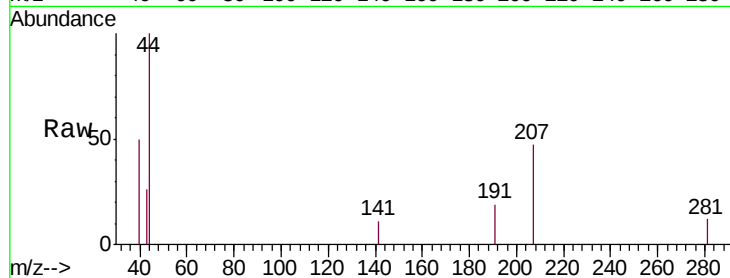




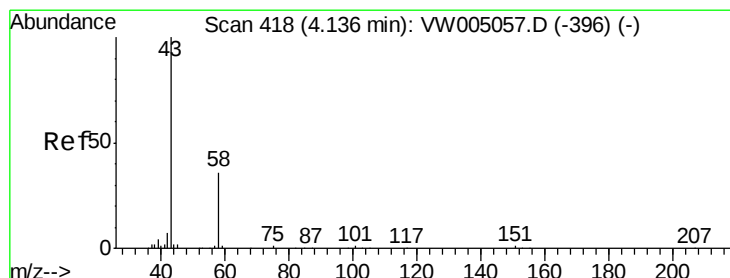
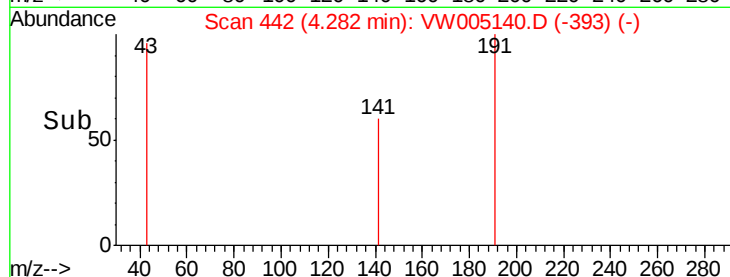
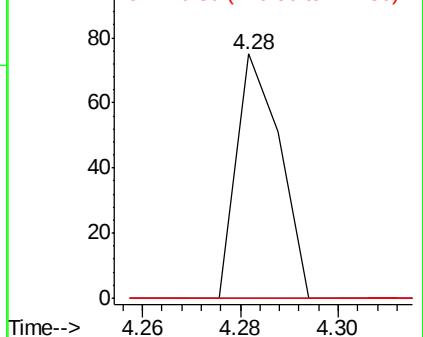
#10
Methyl Iodide
Concen: 3.825 ug/l
RT: 4.28 min Scan# 442
Delta R.T. 0.00 min
Lab File: VW005140.D
Acq: 05 Sep 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
SB-05RE

Tgt Ion:142 Resp: 46
Ion Ratio Lower Upper
142 100
127 0.0 30.8 46.2#
141 0.0 11.6 17.4#

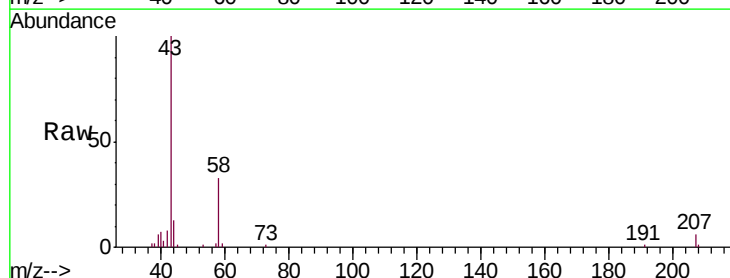


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

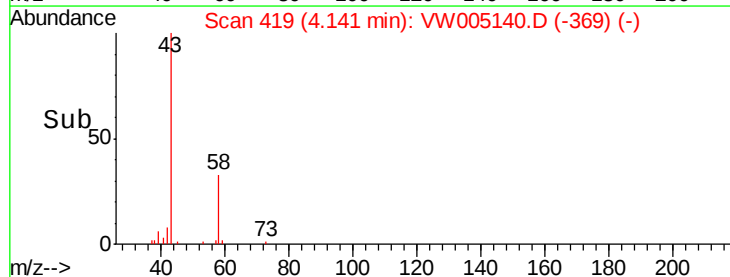
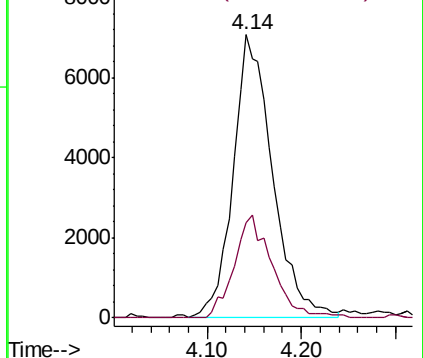


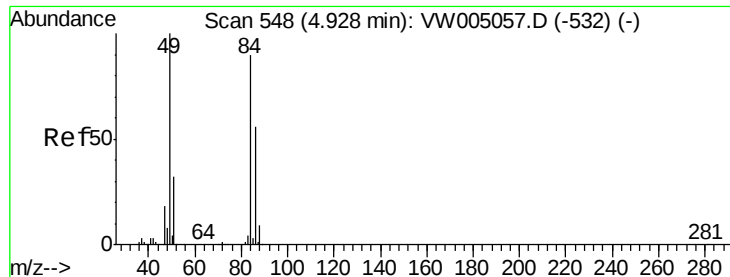
#16
Acetone
Concen: 24.029 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.01 min
Lab File: VW005140.D
Acq: 05 Sep 2018 20:01

Tgt Ion: 43 Resp: 20709
Ion Ratio Lower Upper
43 100
58 33.5 29.0 43.6



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

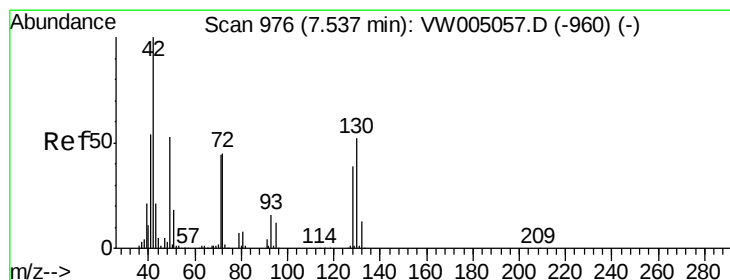
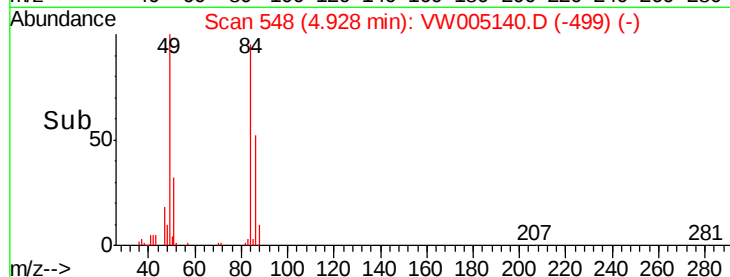
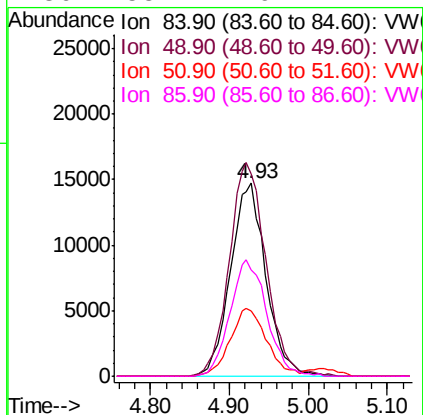
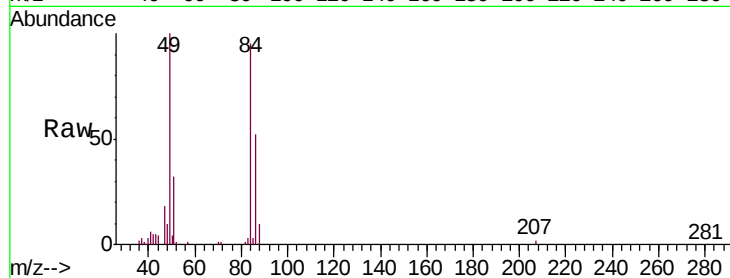




#20
Methylene Chloride
Concen: 4.356 ug/l
RT: 4.93 min Scan# 548
Delta R.T. -0.00 min
Lab File: VW005140.D
Acq: 05 Sep 2018 20:01

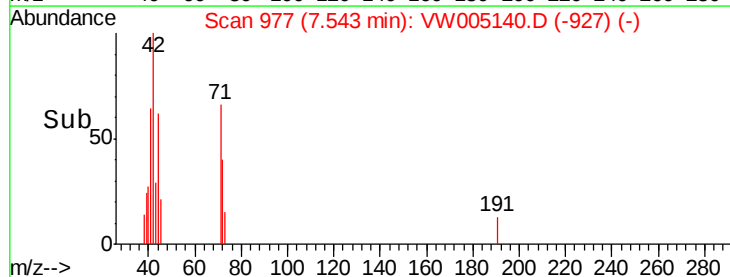
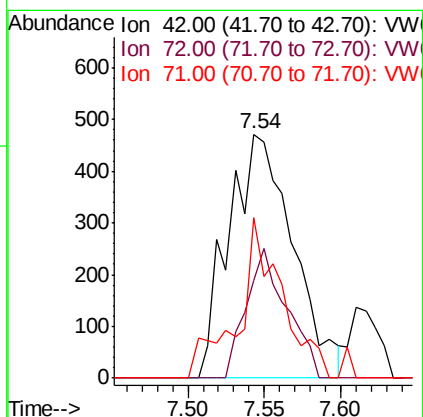
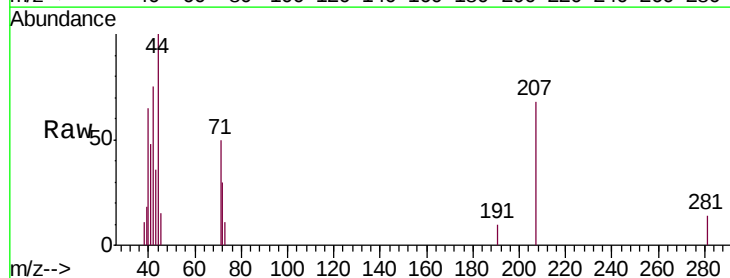
Instrument :
MSVOA_W
ClientSampleId :
SB-05RE

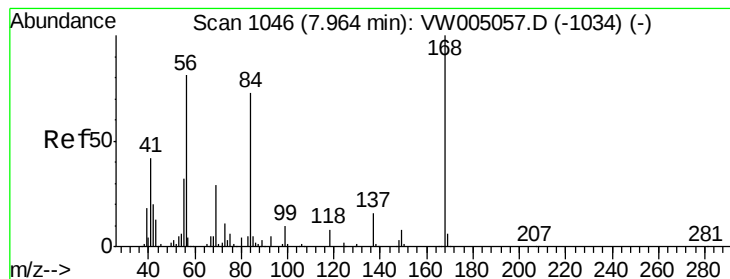
Tgt Ion:	84	Resp:	46051
Ion	Ratio	Lower	Upper
84	100		
49	105.0	88.7	133.1
51	33.7	28.6	42.8
86	55.1	49.4	74.2



#29
Tetrahydrofuran
Concen: 1.804 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW005140.D
Acq: 05 Sep 2018 20:01

Tgt Ion:	42	Resp:	1378
Ion	Ratio	Lower	Upper
42	100		
72	33.7	37.0	55.4#
71	44.7	35.0	52.6





#31

Cyclohexane

Concen: 1.127 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VW005140.D

Acq: 05 Sep 2018 20:01

Instrument :

MSVOA_W

ClientSampled :

SB-05RE

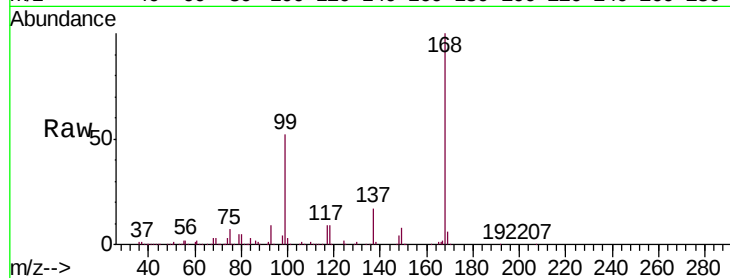
Tgt Ion: 56 Resp: 9509

Ion Ratio Lower Upper

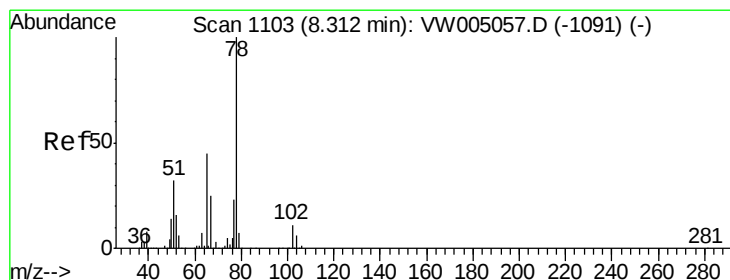
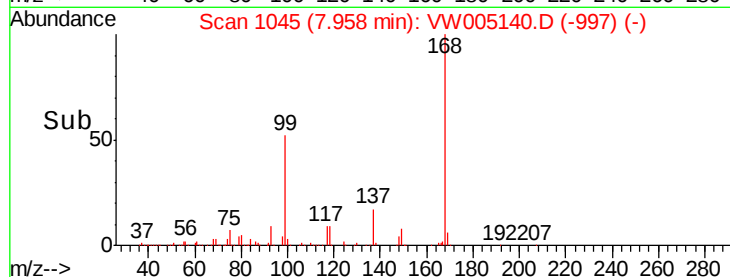
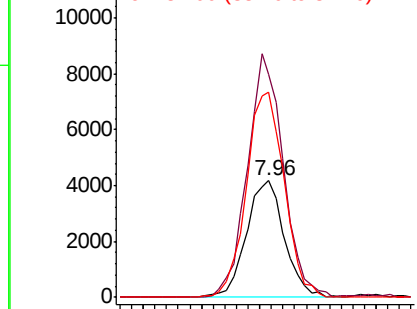
56 100

69 190.7 28.2 42.2#

84 175.7 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: 70.695 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005140.D

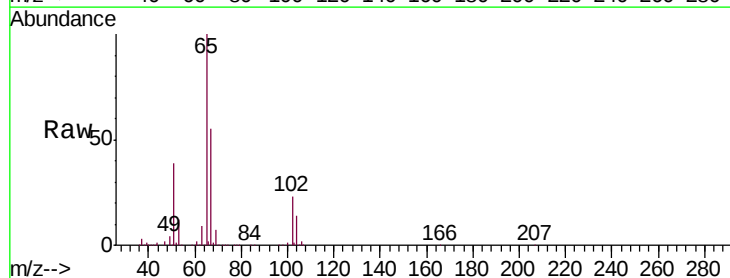
Acq: 05 Sep 2018 20:01

Tgt Ion: 65 Resp: 303802

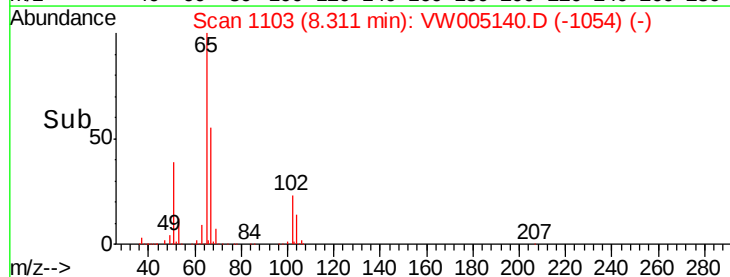
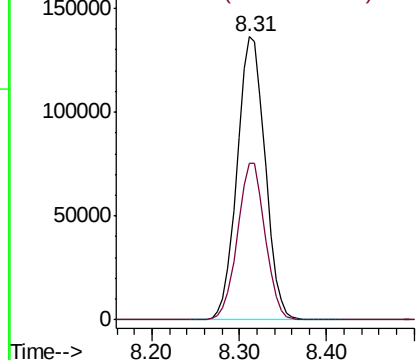
Ion Ratio Lower Upper

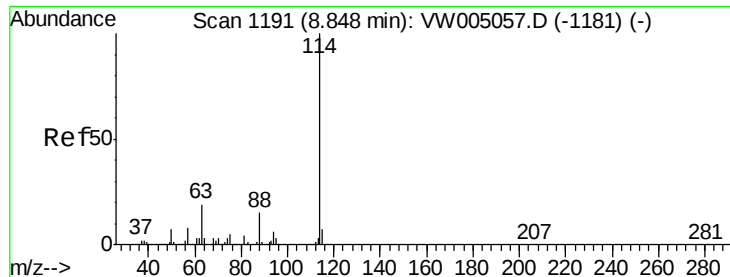
65 100

67 54.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

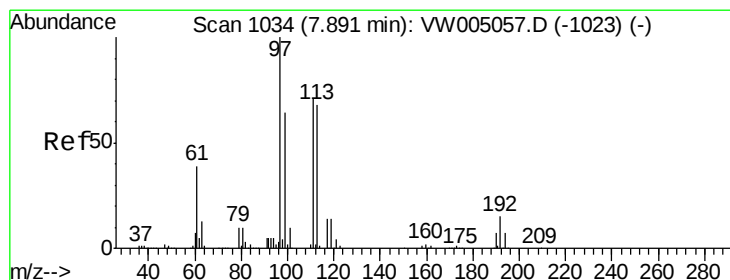
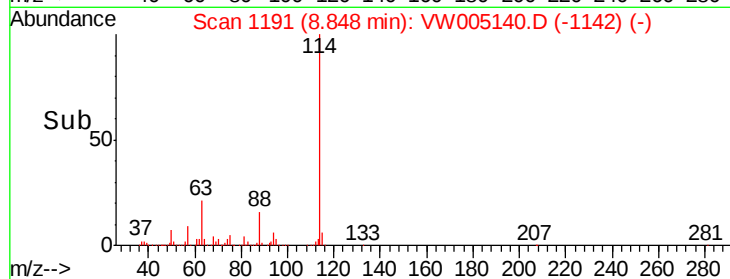
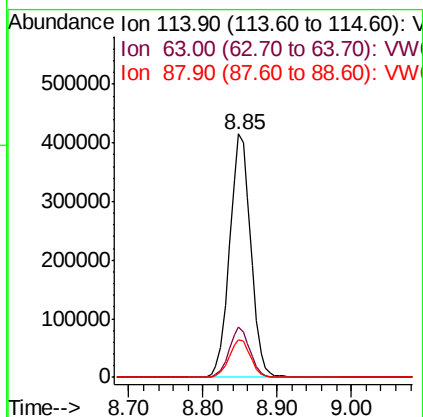
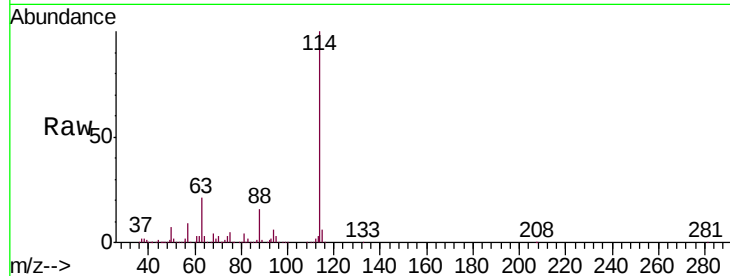




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005140.D
 Acq: 05 Sep 2018 20:01

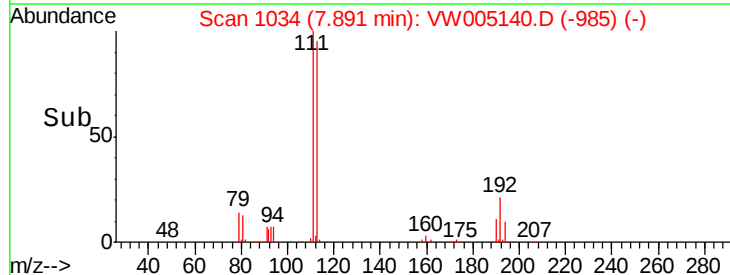
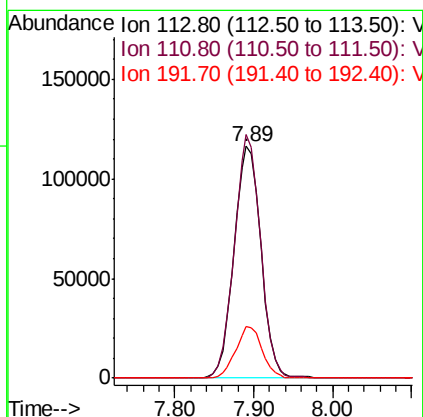
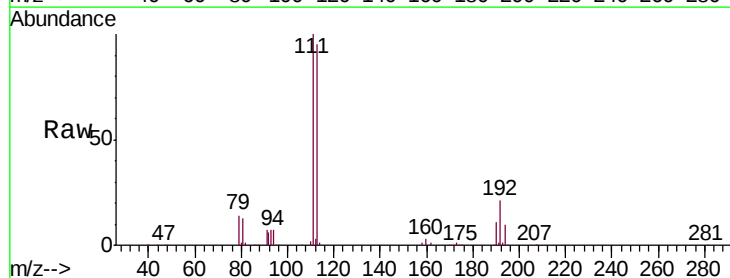
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05RE

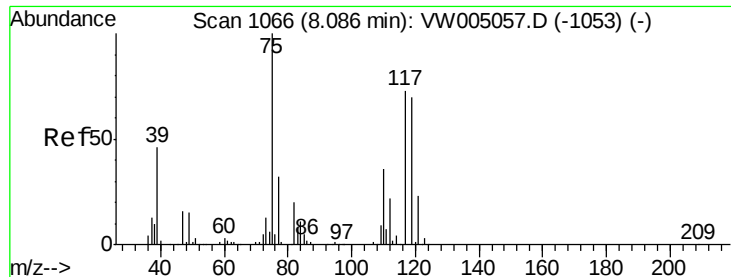
Tgt Ion:114 Resp: 823721
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.0
 88 15.7 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 58.156 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005140.D
 Acq: 05 Sep 2018 20:01

Tgt Ion:113 Resp: 276830
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 21.7 18.1 27.1





#36

1,1-Dichloropropene

Concen: 4.607 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.13 min

Lab File: VW005140.D

Acq: 05 Sep 2018 20:01

Instrument :

MSVOA_W

ClientSampled :

SB-05RE

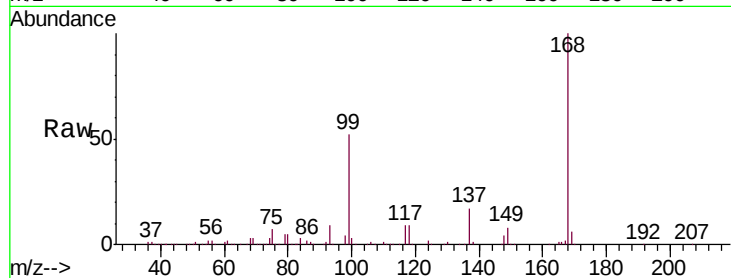
Tgt Ion: 75 Resp: 36142

Ion Ratio Lower Upper

75 100

110 8.2 18.9 56.7#

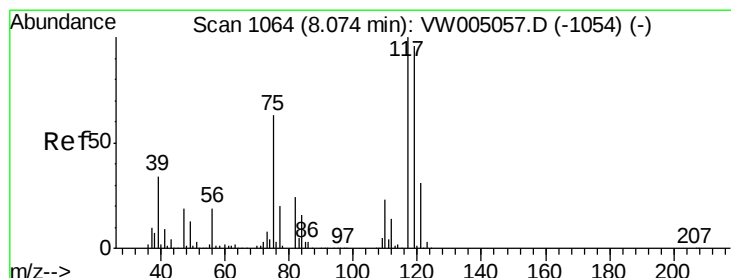
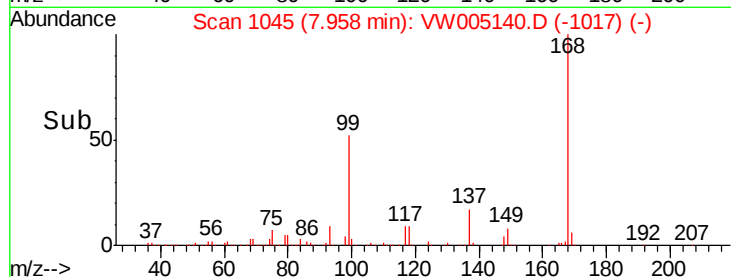
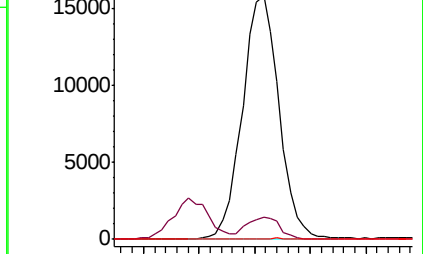
77 0.2 25.5 38.3#



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: 6.384 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW005140.D

Acq: 05 Sep 2018 20:01

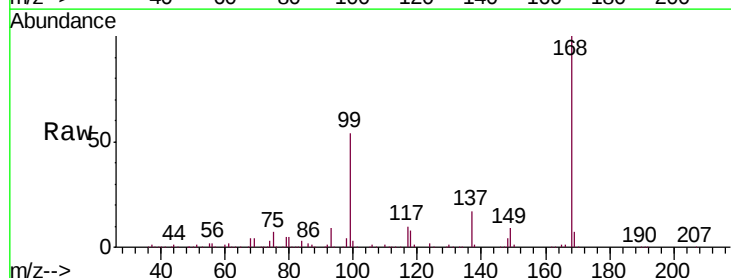
Tgt Ion: 117 Resp: 47621

Ion Ratio Lower Upper

117 100

119 6.5 76.6 115.0#

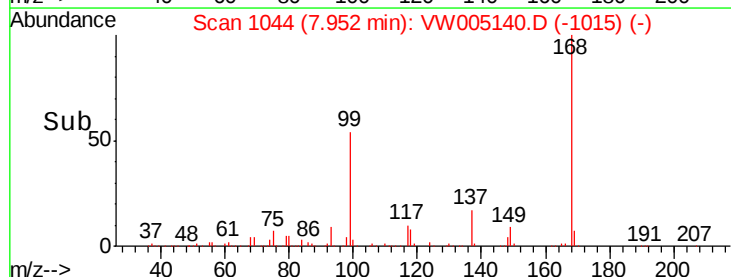
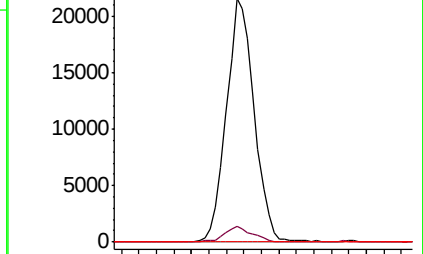
121 0.0 24.8 37.2#

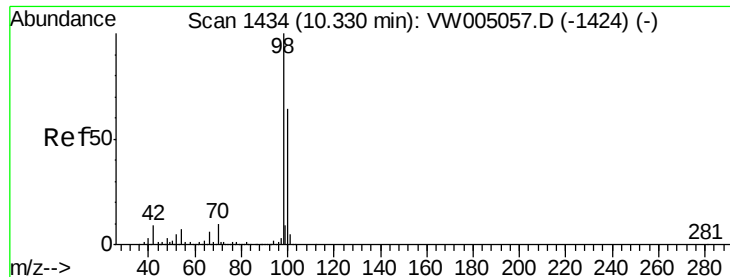


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.423 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005140.D

Acq: 05 Sep 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

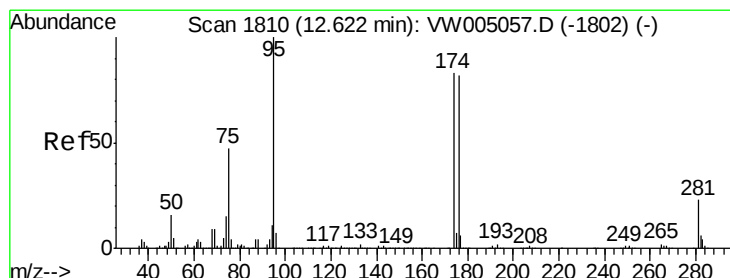
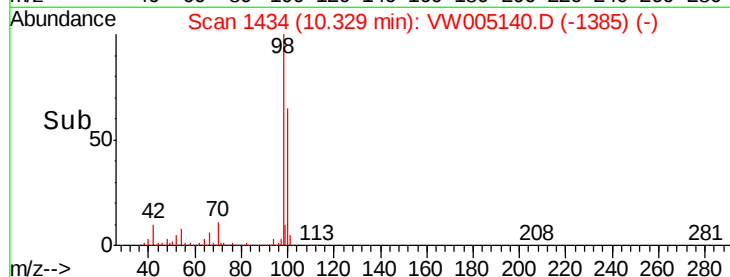
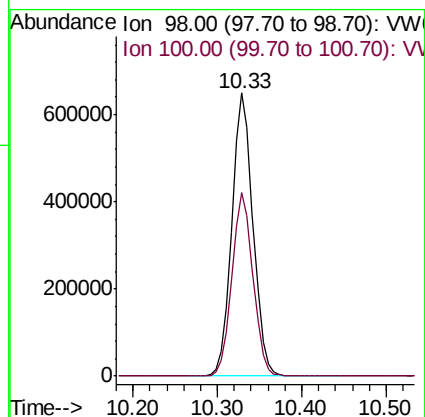
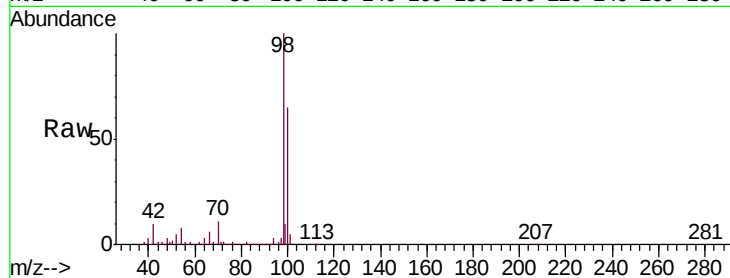
SB-05RE

Tgt Ion: 98 Resp: 1105979

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 36.679 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005140.D

Acq: 05 Sep 2018 20:01

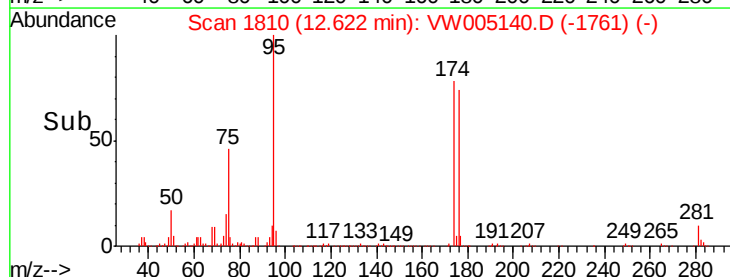
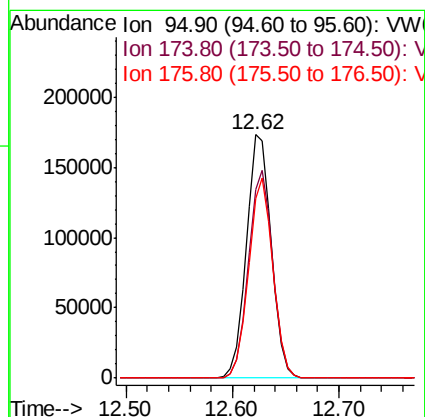
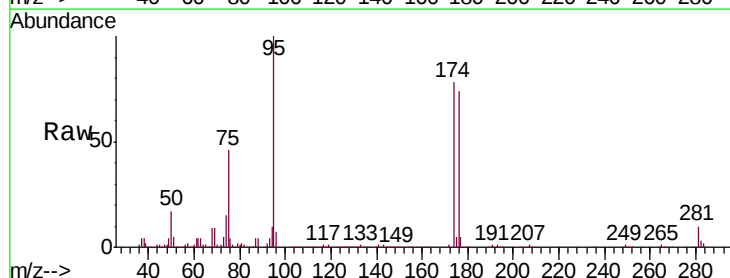
Tgt Ion: 95 Resp: 283682

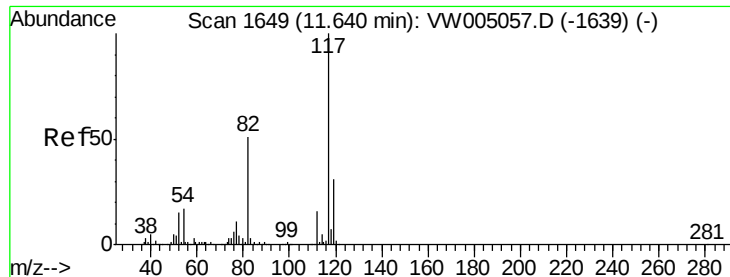
Ion Ratio Lower Upper

95 100

174 83.7 0.0 173.4

176 79.8 0.0 167.4

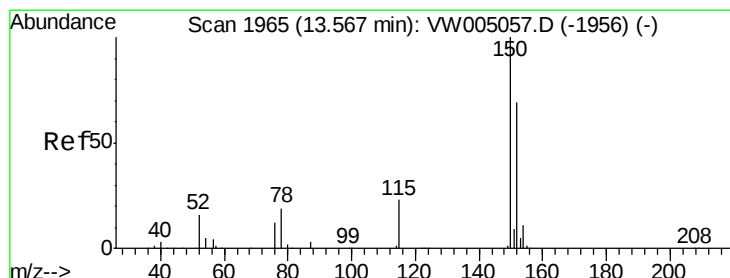
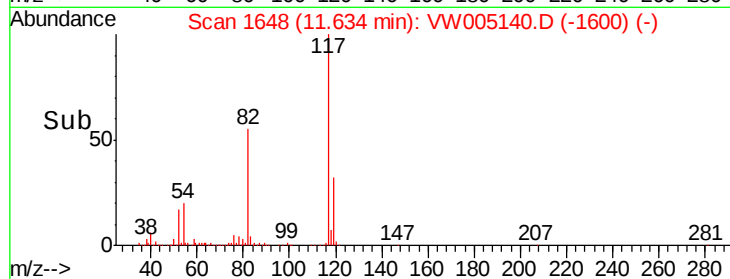
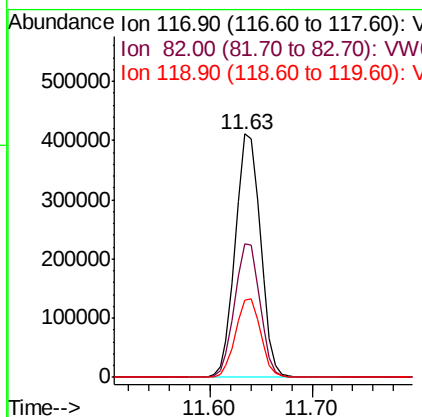
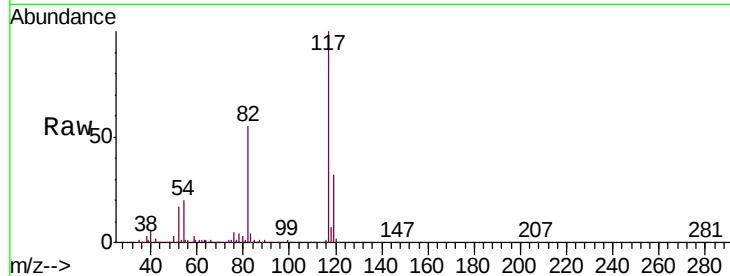




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005140.D
Acq: 05 Sep 2018 20:01

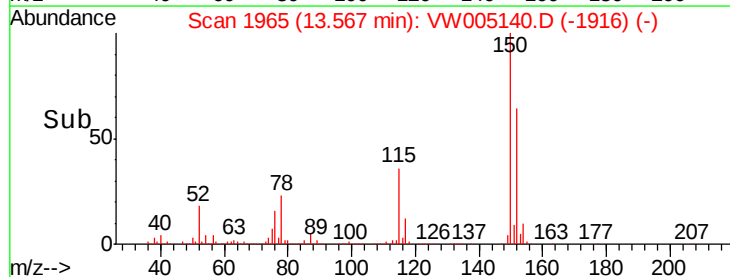
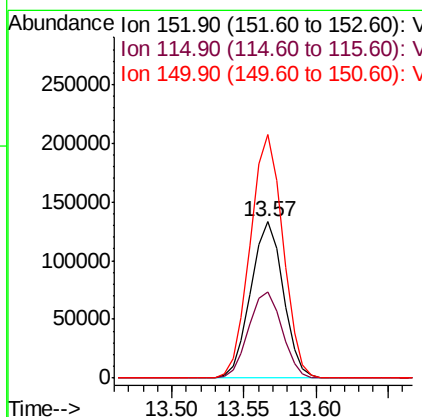
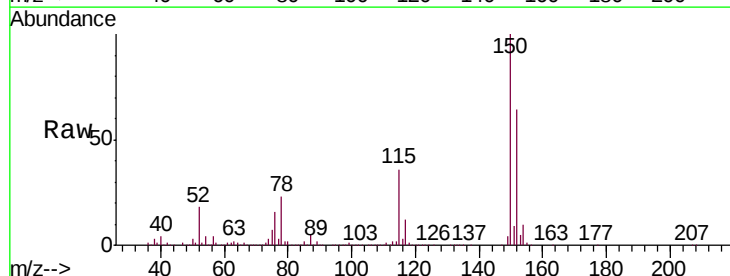
Instrument :
MSVOA_W
ClientSampleId :
SB-05RE

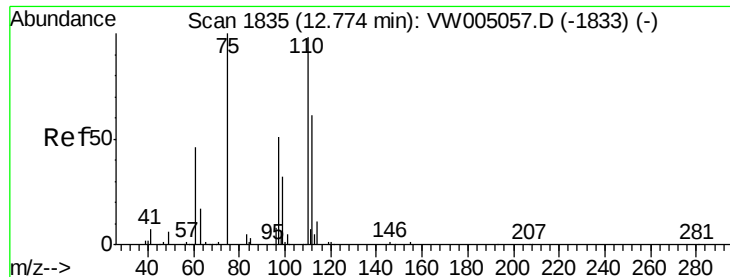
Tgt Ion:117 Resp: 701321
Ion Ratio Lower Upper
117 100
82 55.0 40.9 61.3
119 31.8 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005140.D
Acq: 05 Sep 2018 20:01

Tgt Ion:152 Resp: 207691
Ion Ratio Lower Upper
152 100
115 56.8 27.8 83.4
150 157.1 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 82.944 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW005140.D

Acq: 05 Sep 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

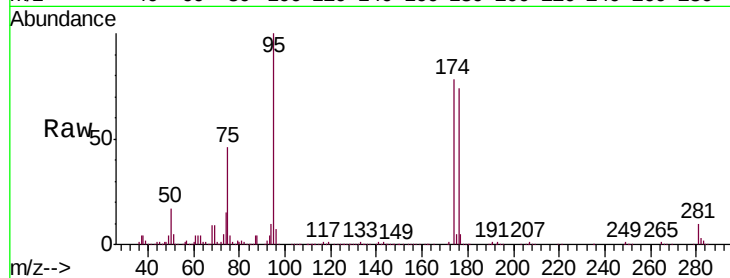
SB-05RE

Tgt Ion: 75 Resp: 129307

Ion Ratio Lower Upper

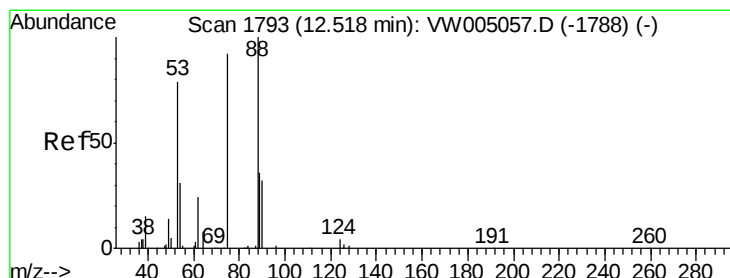
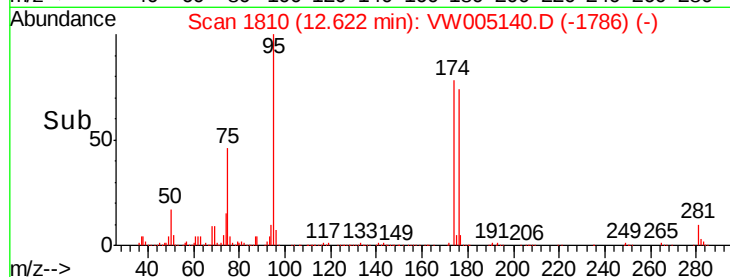
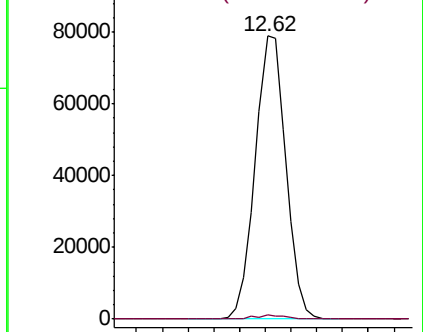
75 100

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: 199.636 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005140.D

Acq: 05 Sep 2018 20:01

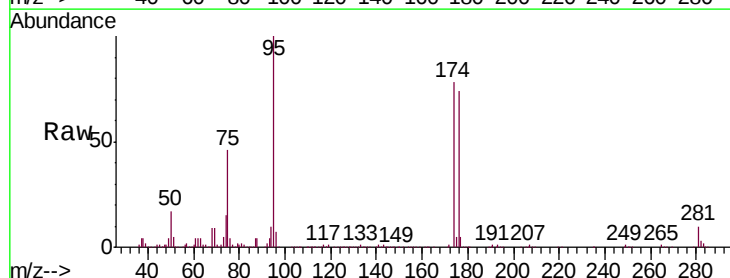
Tgt Ion: 75 Resp: 129307

Ion Ratio Lower Upper

75 100

53 0.3 69.8 104.8#

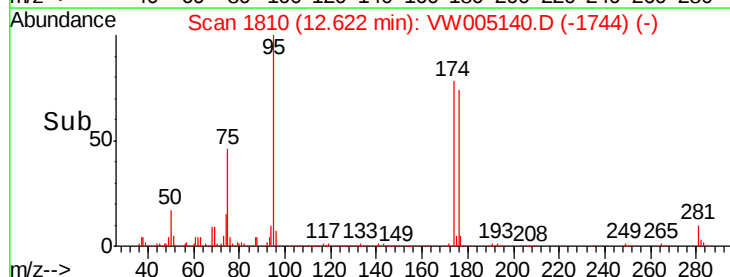
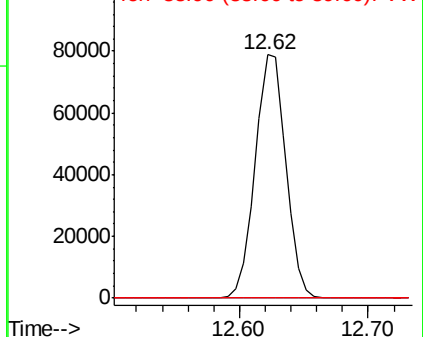
89 0.0 36.0 54.0#

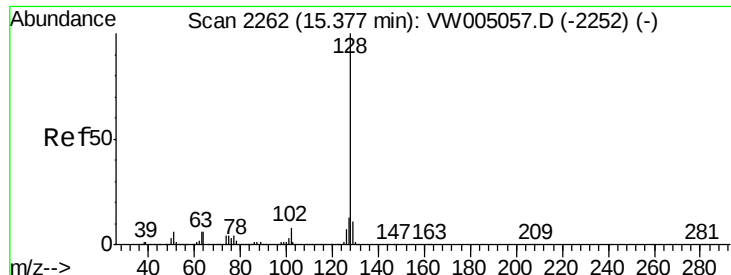


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 4.189 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005140.D

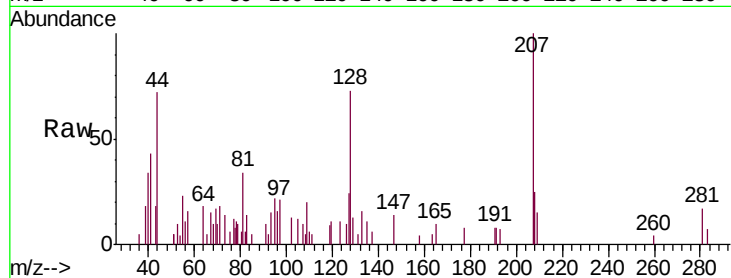
Acq: 05 Sep 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

SB-05RE



Tgt Ion:	128	Resp:	1703
Ion	Ratio	Lower	Upper
128	100		
127	19.6	10.4	15.6#
129	11.7	8.7	13.1

