

Data File : VW005138.D
Acq On : 05 Sep 2018 19:10
Operator : SY/AP
Sample : J4712-05RE
Misc : 6.58G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-03RE

Quant Time: Sep 06 01:21:48 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	562411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	869336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	865310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	447581	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	303292	65.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.10%	
35) Dibromofluoromethane	7.89	113	276927	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
50) Toluene-d8	10.33	98	1248738	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
62) 4-Bromofluorobenzene	12.63	95	443805	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	

Target Compounds

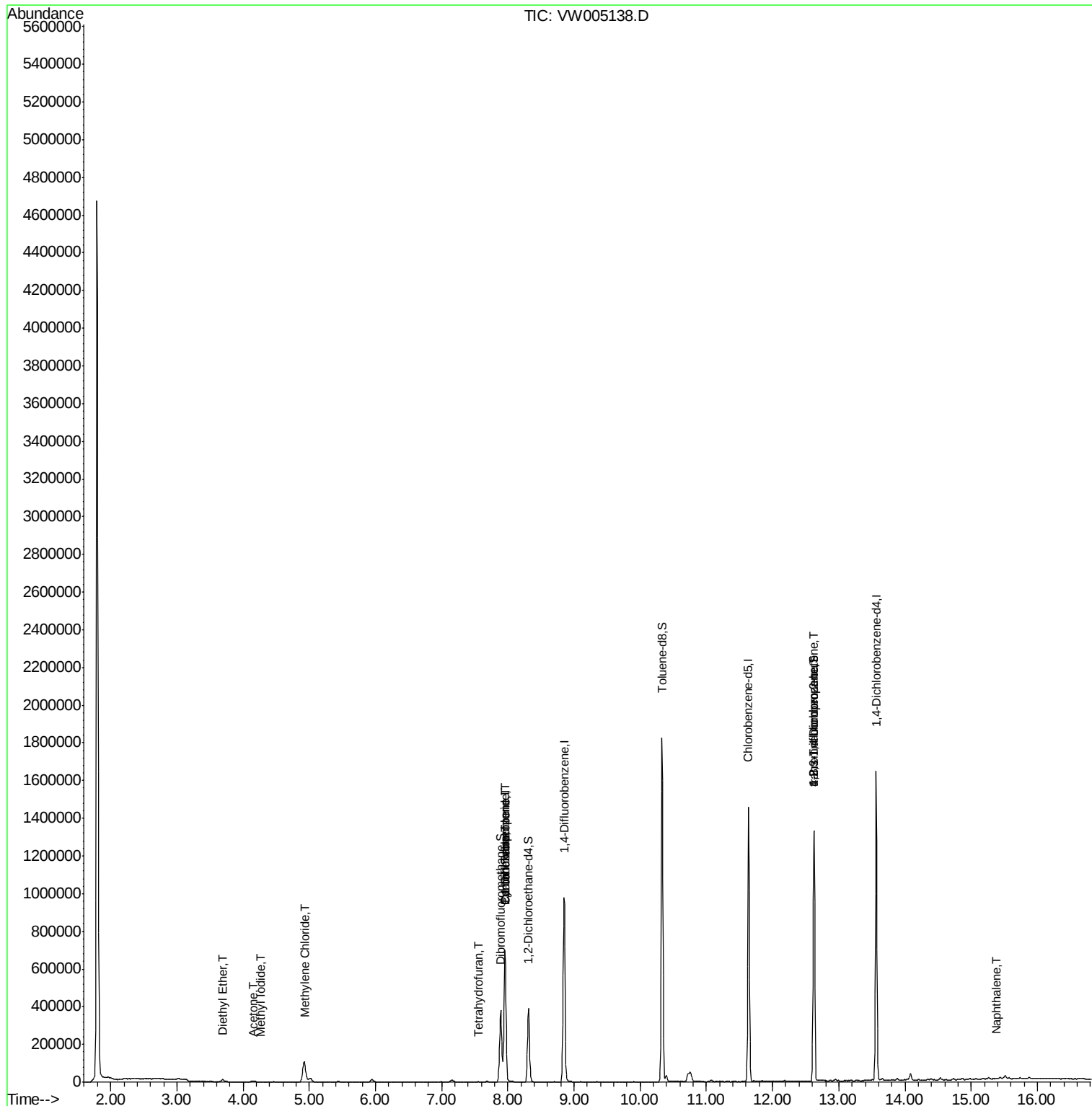
					Qvalue	
5) Bromomethane	2.78	94	486	Below Cal		88
8) Diethyl Ether	3.70	74	5634	2.164 ug/l		83
10) Methyl Iodide	4.27	142	28	3.822 ug/l #		44
11) Tert butyl alcohol	5.20	59	240	Below Cal #		83
16) Acetone	4.14	43	8168	8.736 ug/l #		87
20) Methylene Chloride	4.92	84	87850	10.861 ug/l		97
29) Tetrahydrofuran	7.56	42	1089	1.314 ug/l #		87
31) Cyclohexane	7.95	56	10276	1.122 ug/l #		1
36) 1,1-Dichloropropene	7.96	75	39549	4.777 ug/l #		48
38) Carbon Tetrachloride	7.96	117	50926	6.469 ug/l #		17
76) 1,2,3-Trichloropropane	12.62	75	207785	61.847 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	207785	148.860 ug/l #		15
95) Naphthalene	15.38	128	2935	4.147 ug/l #		90

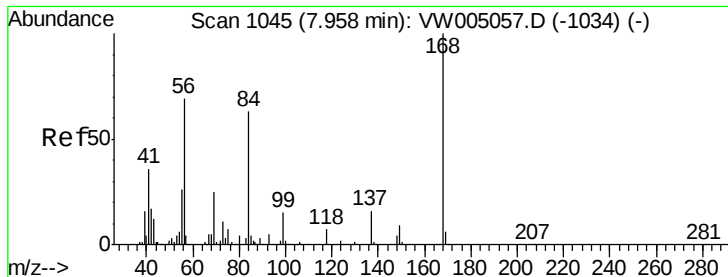
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005138.D

Acq: 05 Sep 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

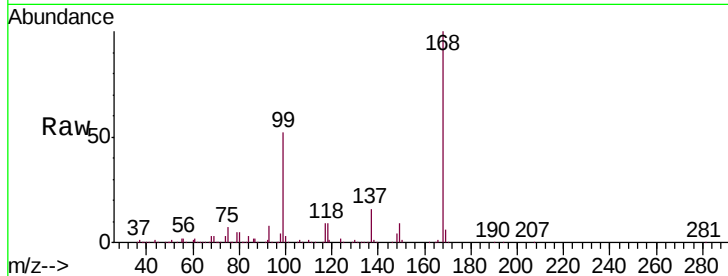
SB-03RE

Tgt Ion:168 Resp: 562411

Ion Ratio Lower Upper

168 100

99 51.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

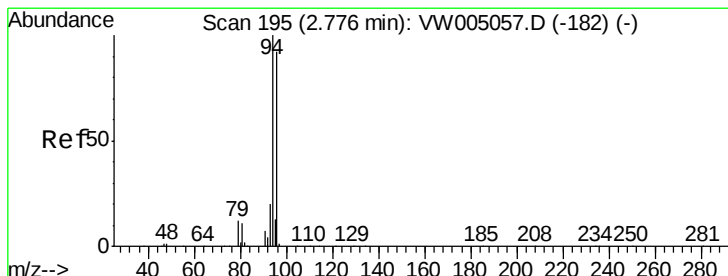
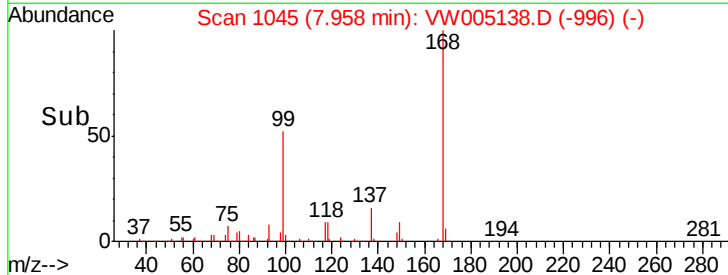
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 195

Delta R.T. -0.00 min

Lab File: VW005138.D

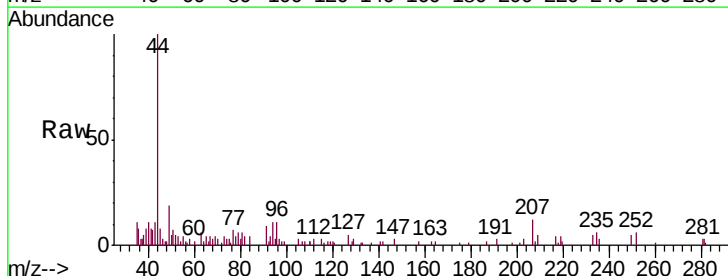
Acq: 05 Sep 2018 19:10

Tgt Ion: 94 Resp: 486

Ion Ratio Lower Upper

94 100

96 80.5 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

500

400

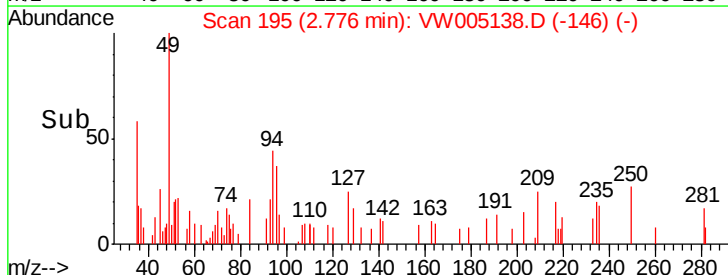
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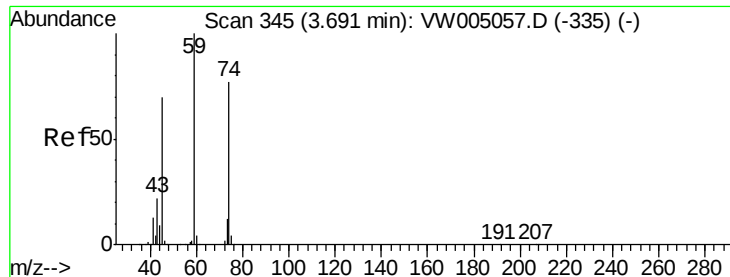
200

100

0

Time-->





#8

Diethyl Ether

Concen: 2.164 ug/l

RT: 3.70 min Scan# 346

Delta R.T. 0.01 min

Lab File: VW005138.D

Acq: 05 Sep 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

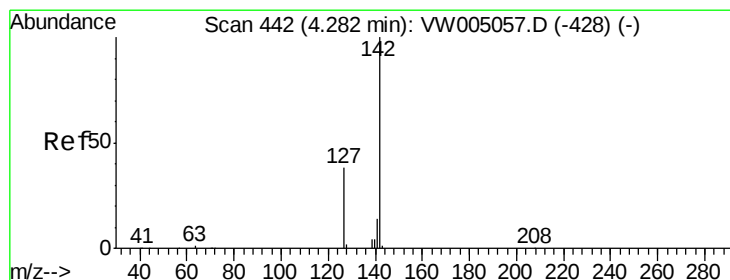
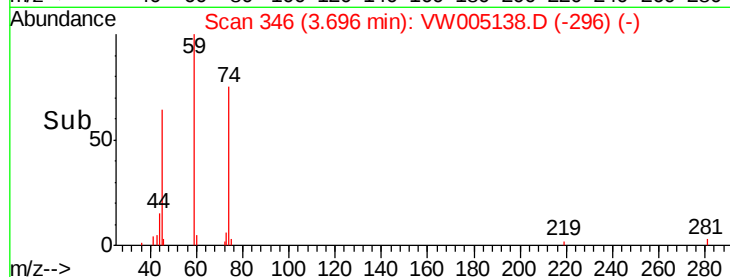
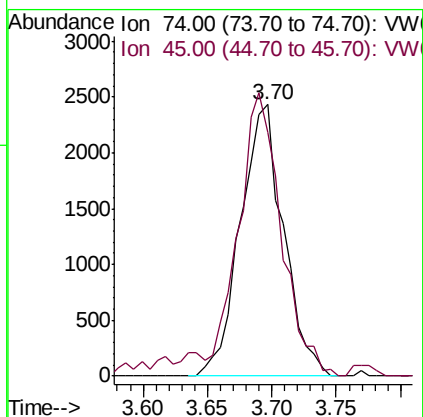
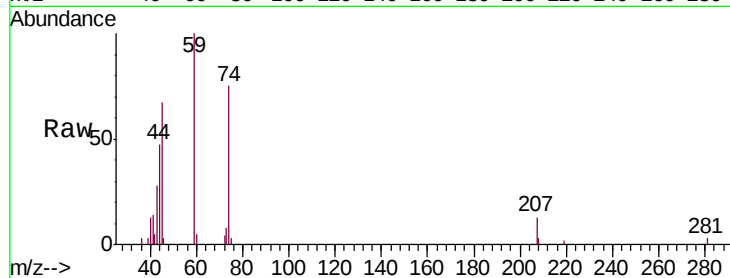
SB-03RE

Tgt Ion: 74 Resp: 5634

Ion Ratio Lower Upper

74 100

45 108.1 46.0 137.8



#10

Methyl Iodide

Concen: 3.822 ug/l

RT: 4.27 min Scan# 440

Delta R.T. -0.01 min

Lab File: VW005138.D

Acq: 05 Sep 2018 19:10

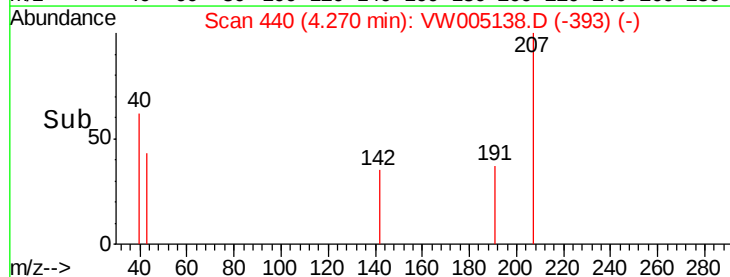
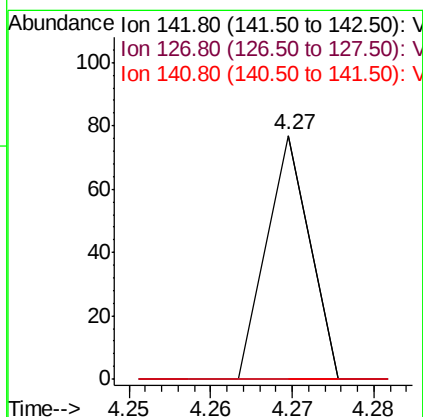
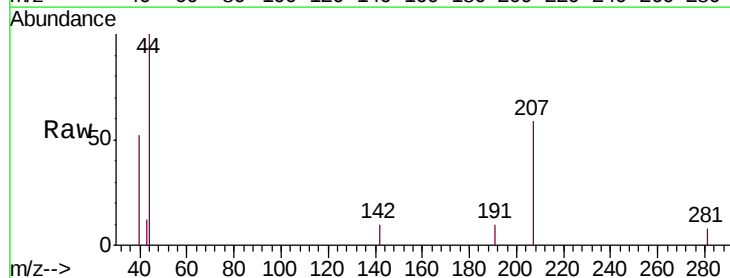
Tgt Ion: 142 Resp: 28

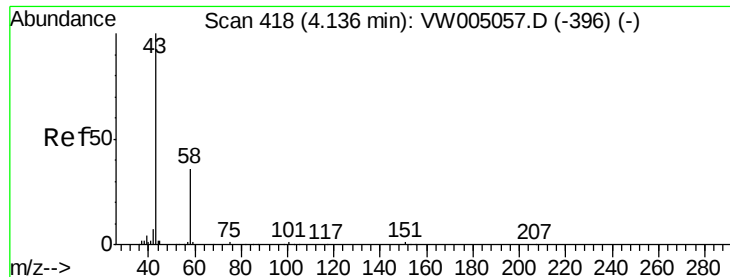
Ion Ratio Lower Upper

142 100

127 0.0 30.8 46.2#

141 0.0 11.6 17.4#





#16

Acetone

Concen: 8.736 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005138.D

Acq: 05 Sep 2018 19:10

Instrument :

MSVOA_W

ClientSampled :

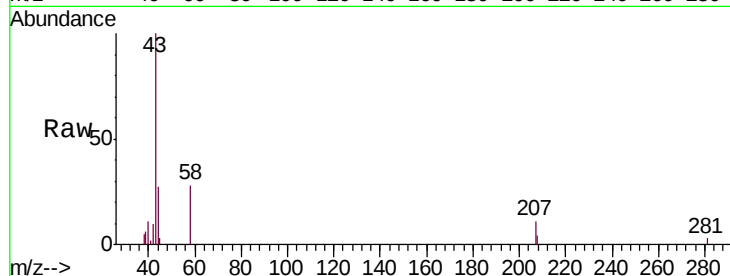
SB-03RE

Tgt Ion: 43 Resp: 8168

Ion Ratio Lower Upper

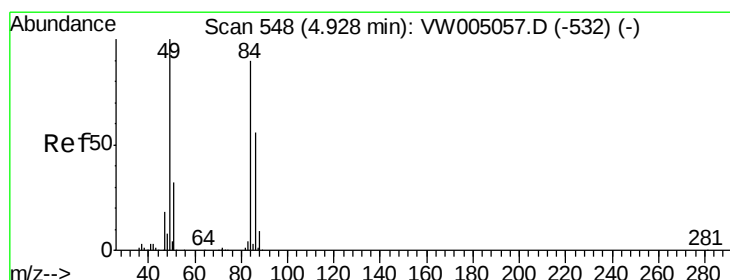
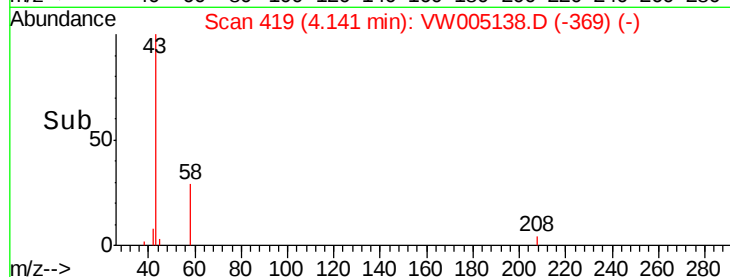
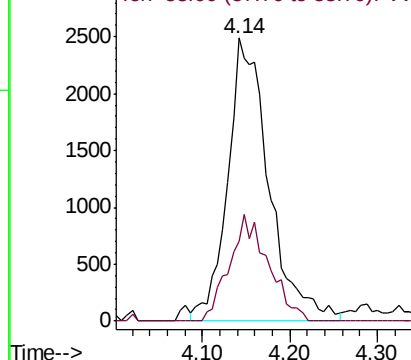
43 100

58 28.8 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: 10.861 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005138.D

Acq: 05 Sep 2018 19:10

Tgt Ion: 84 Resp: 87850

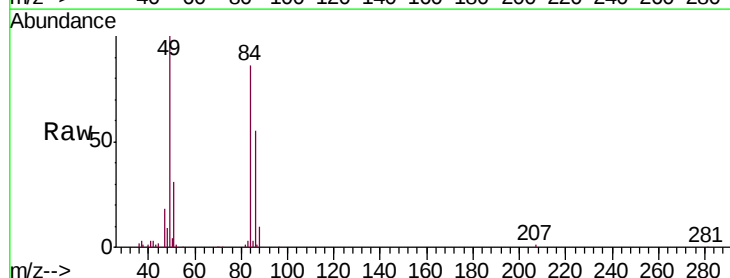
Ion Ratio Lower Upper

84 100

49 116.1 88.7 133.1

51 35.9 28.6 42.8

86 63.4 49.4 74.2

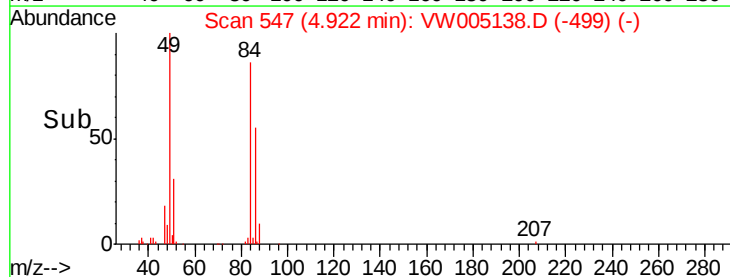
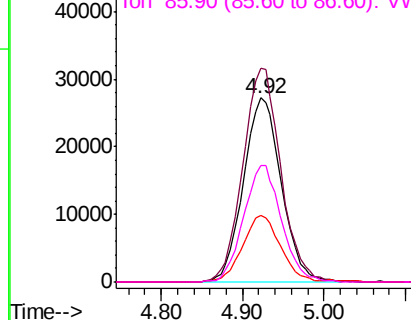


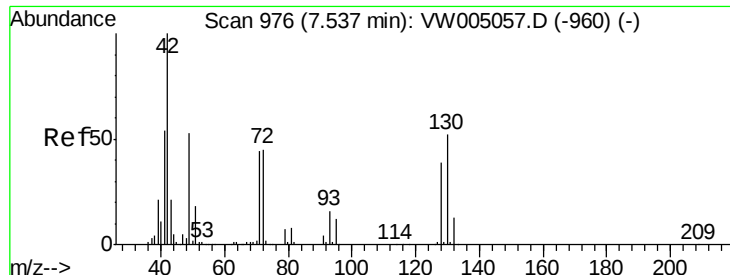
Abundance Ion 83.90 (83.60 to 84.60): VW

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

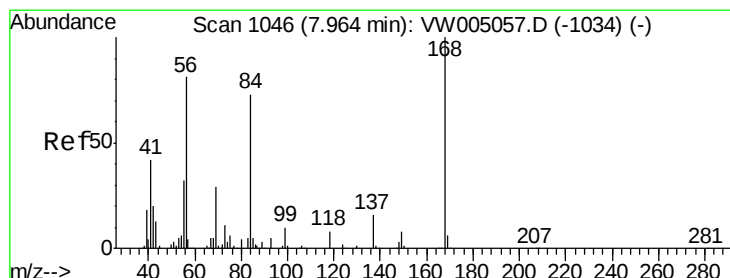
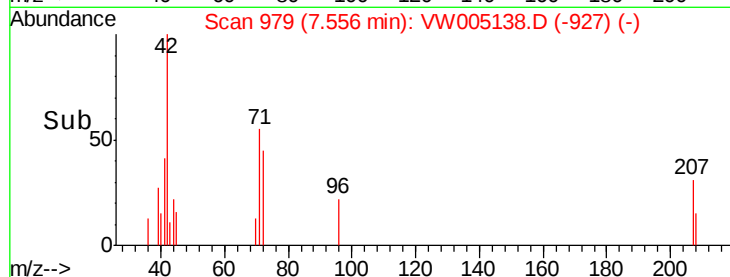
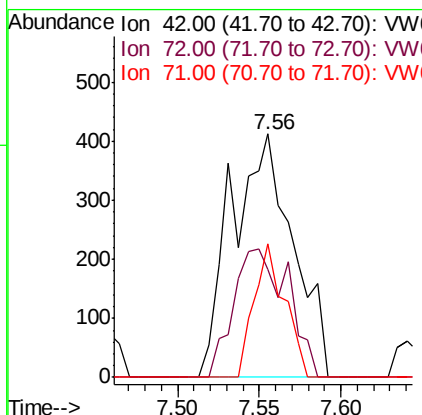
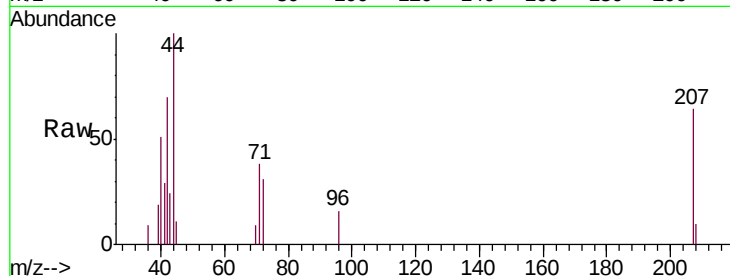




#29
Tetrahydrofuran
Concen: 1.314 ug/l
RT: 7.56 min Scan# 979
Delta R.T. 0.02 min
Lab File: VW005138.D
Acq: 05 Sep 2018 19:10

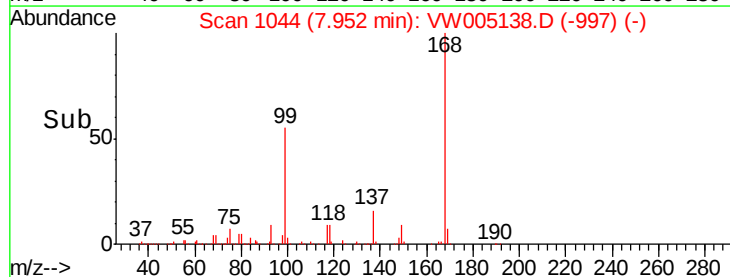
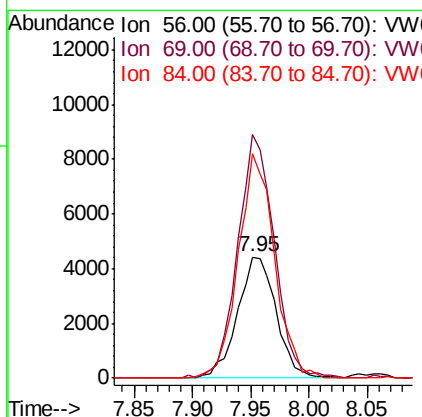
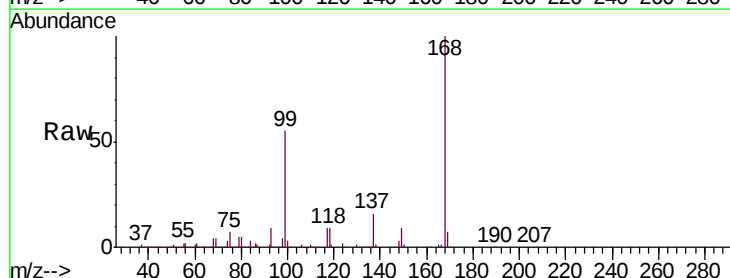
Instrument :
MSVOA_W
ClientSampled :
SB-03RE

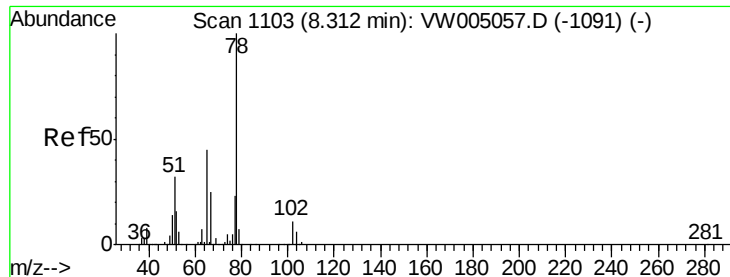
Tgt Ion: 42 Resp: 1089
Ion Ratio Lower Upper
42 100
72 46.6 37.0 55.4
71 27.2 35.0 52.6#



#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW005138.D
Acq: 05 Sep 2018 19:10

Tgt Ion: 56 Resp: 10276
Ion Ratio Lower Upper
56 100
69 199.2 28.2 42.2#
84 184.5 71.8 107.8#

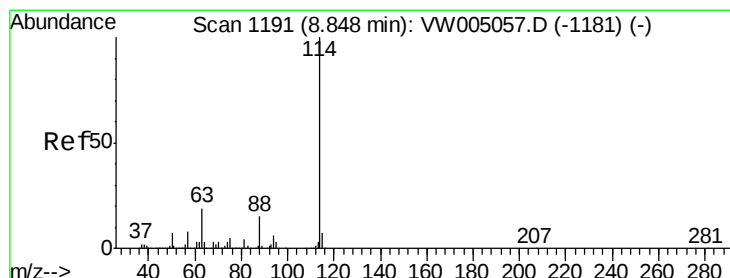
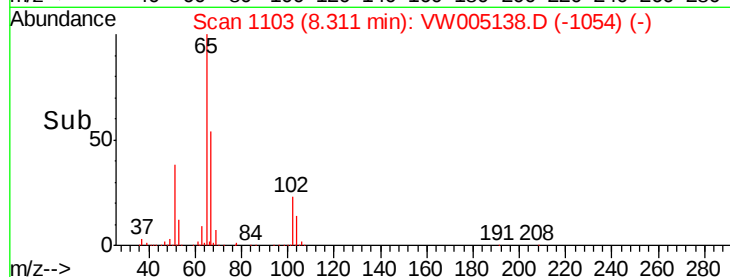
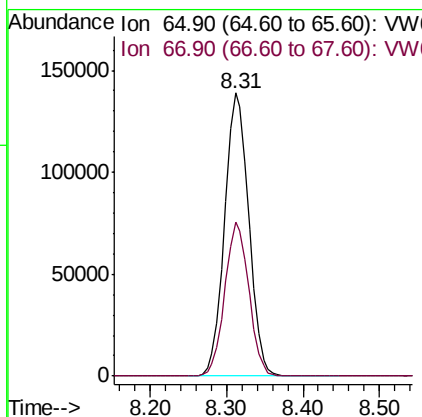
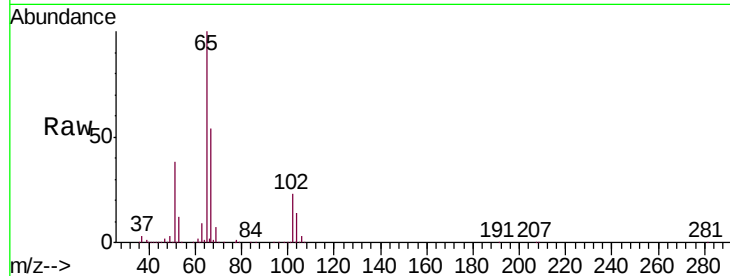




#33
 1,2-Dichloroethane-d4
 Concen: 65.054 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW005138.D
 Acq: 05 Sep 2018 19:10

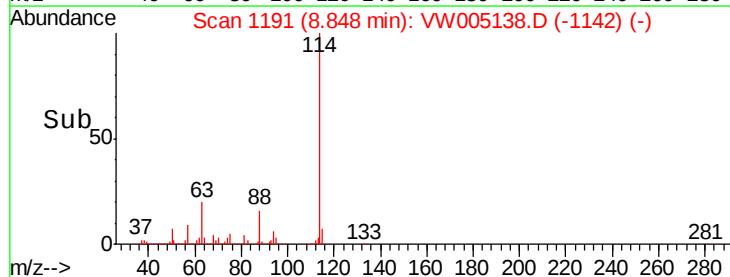
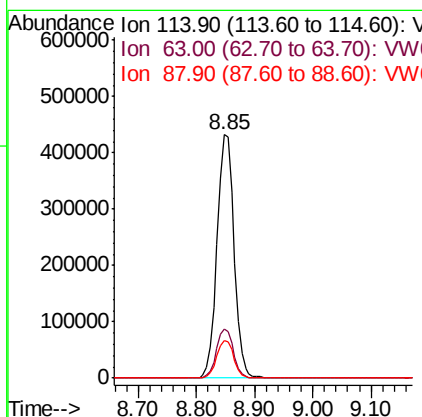
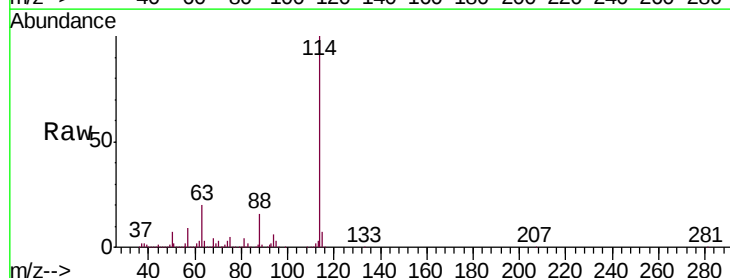
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03RE

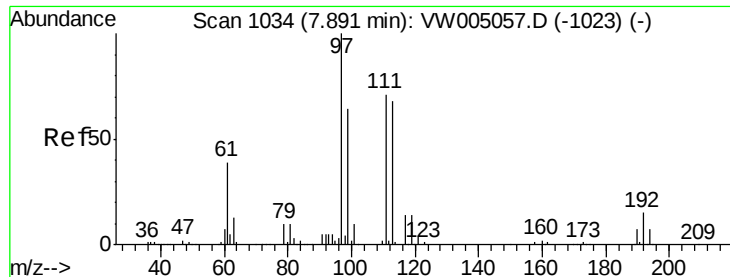
Tgt Ion: 65 Resp: 303292
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW005138.D
 Acq: 05 Sep 2018 19:10

Tgt Ion: 114 Resp: 869336
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.0
 88 15.6 0.0 30.2

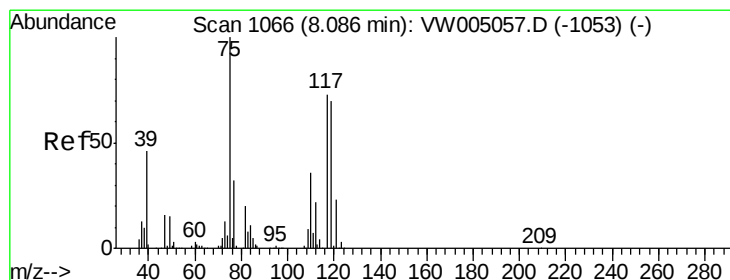
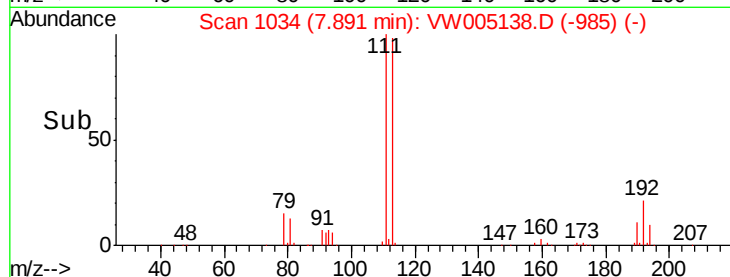
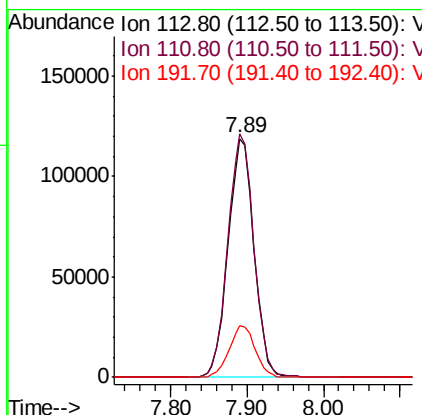
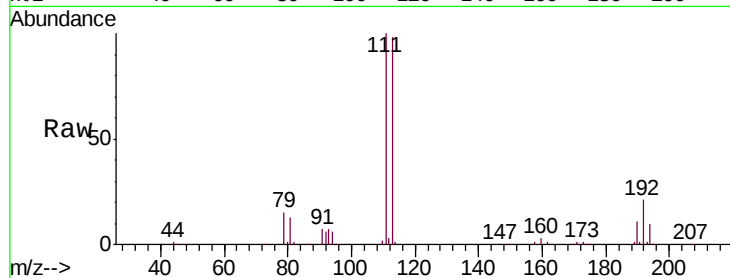




#35
 Dibromofluoromethane
 Concen: 55.123 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VW005138.D
 Acq: 05 Sep 2018 19:10

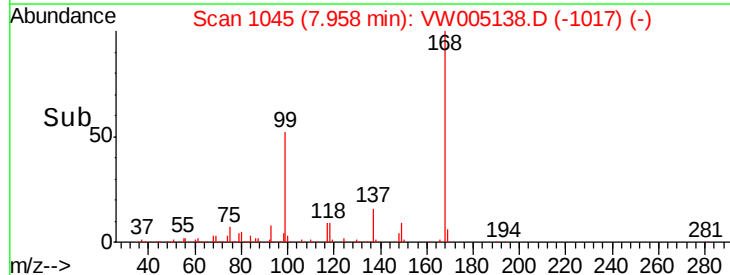
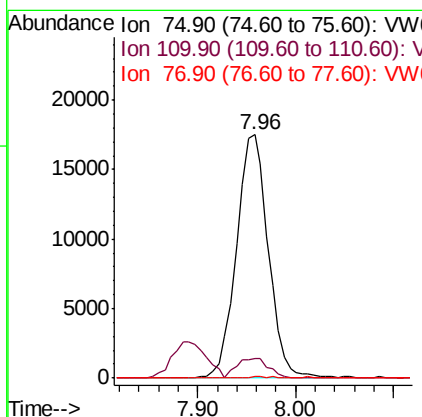
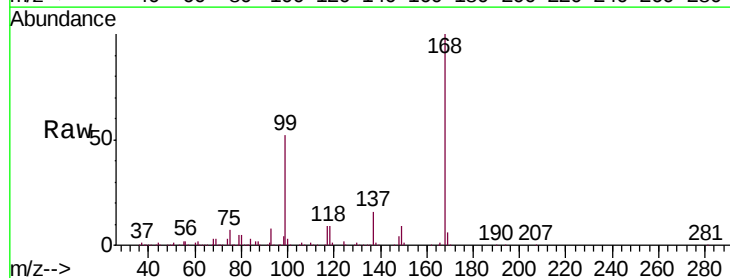
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03RE

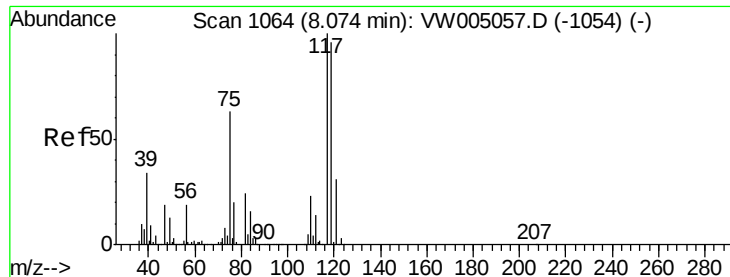
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	21.7	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.777 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW005138.D
 Acq: 05 Sep 2018 19:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.9	56.7#
77	0.5	25.5	38.3#





#38

Carbon Tetrachloride

Concen: 6.469 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005138.D

Acq: 05 Sep 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

SB-03RE

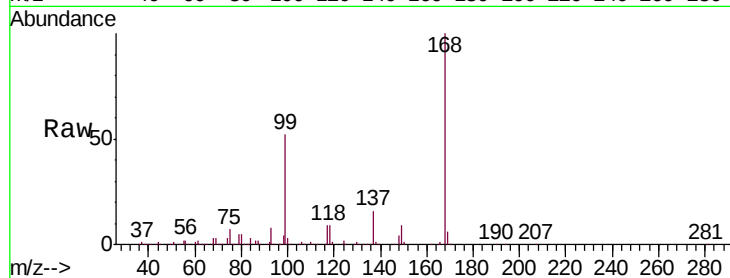
Tgt Ion:117 Resp: 50926

Ion Ratio Lower Upper

117 100

119 5.9 76.6 115.0#

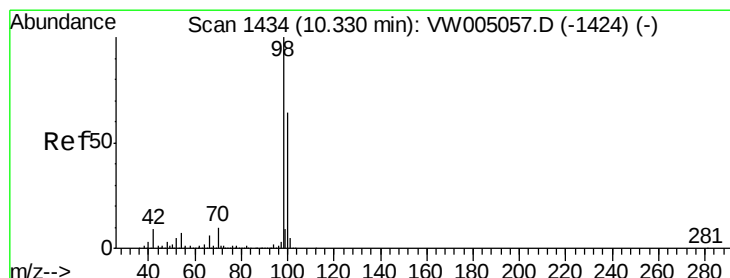
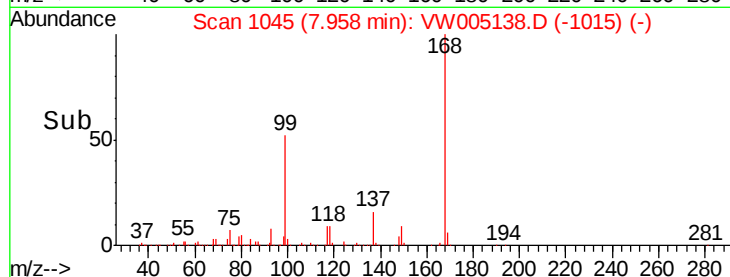
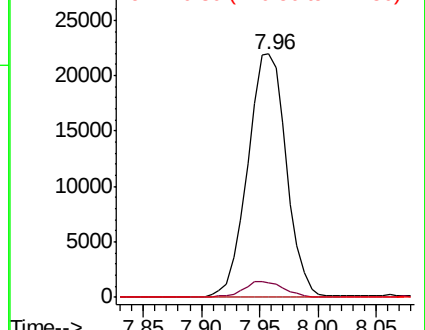
121 0.0 24.8 37.2#



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: 53.945 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005138.D

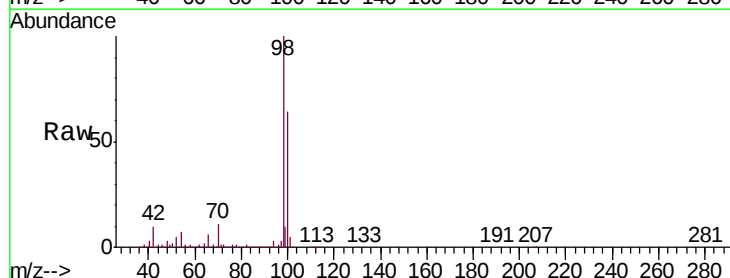
Acq: 05 Sep 2018 19:10

Tgt Ion: 98 Resp: 1248738

Ion Ratio Lower Upper

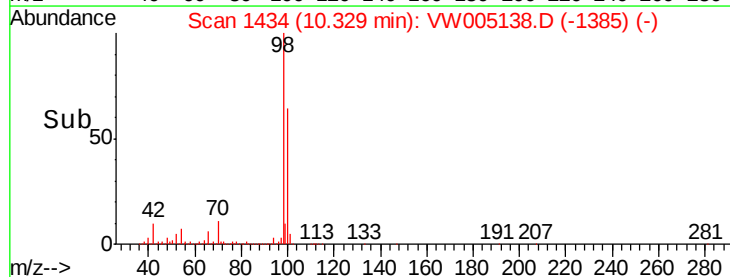
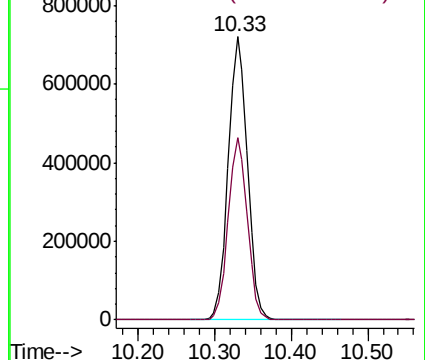
98 100

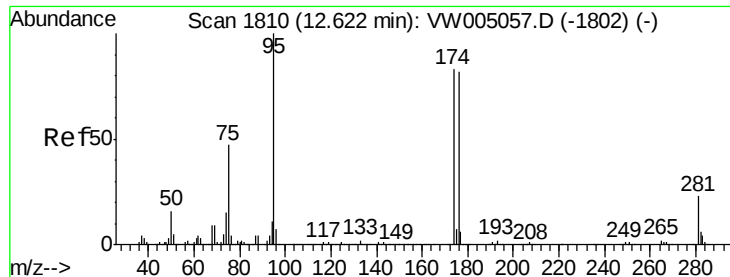
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

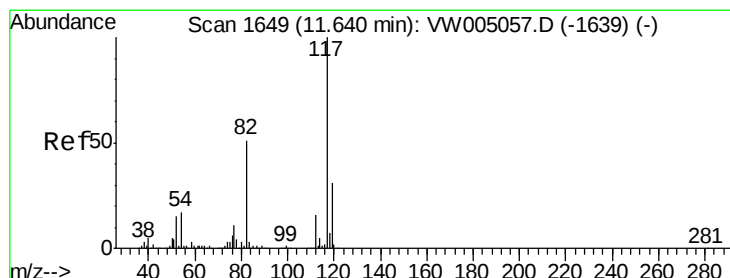
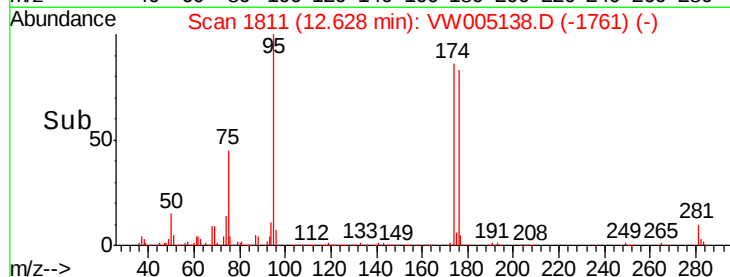
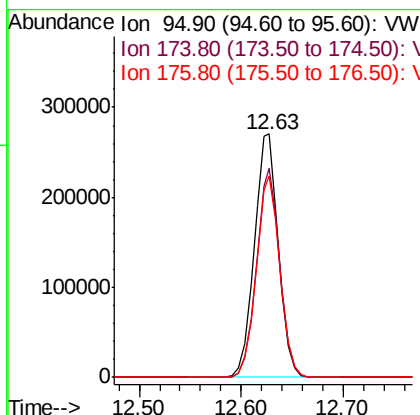
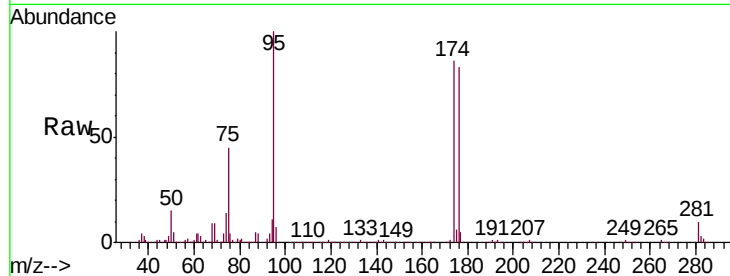




#62
4-Bromofluorobenzene
Concen: 54.372 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW005138.D
Acq: 05 Sep 2018 19:10

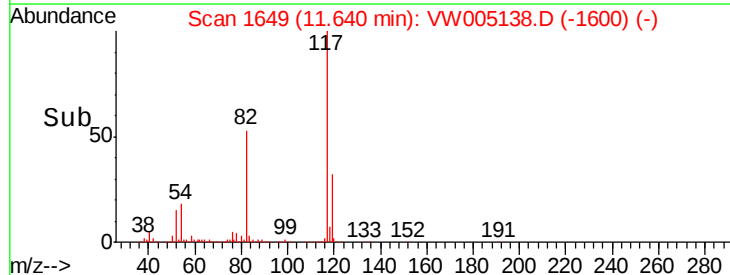
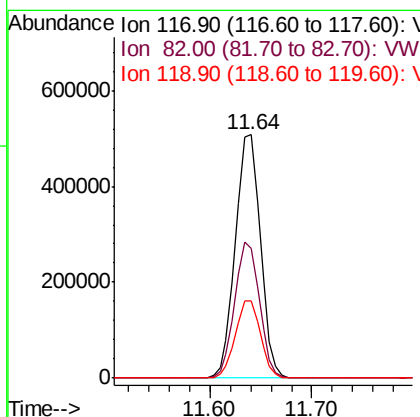
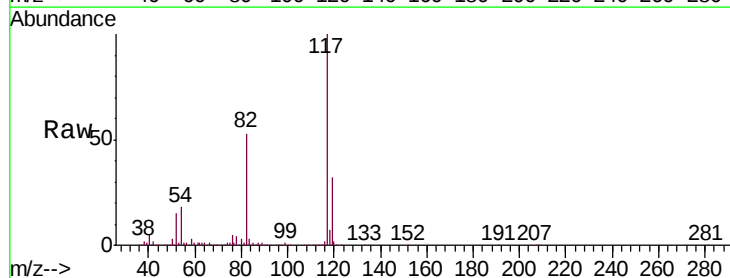
Instrument :
MSVOA_W
ClientSampleId :
SB-03RE

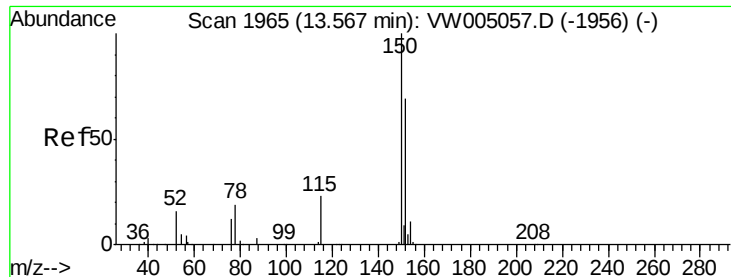
Tgt Ion: 95 Resp: 443805
Ion Ratio Lower Upper
95 100
174 83.4 0.0 173.4
176 80.8 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW005138.D
Acq: 05 Sep 2018 19:10

Tgt Ion: 117 Resp: 865310
Ion Ratio Lower Upper
117 100
82 53.3 40.9 61.3
119 32.0 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: VW005138.D

Acq: 05 Sep 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

SB-03RE

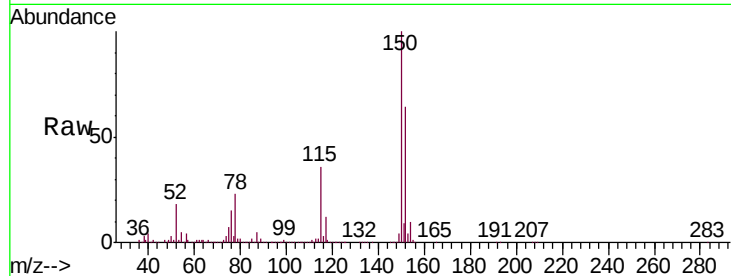
Tgt Ion:152 Resp: 447581

Ion Ratio Lower Upper

152 100

115 57.1 27.8 83.4

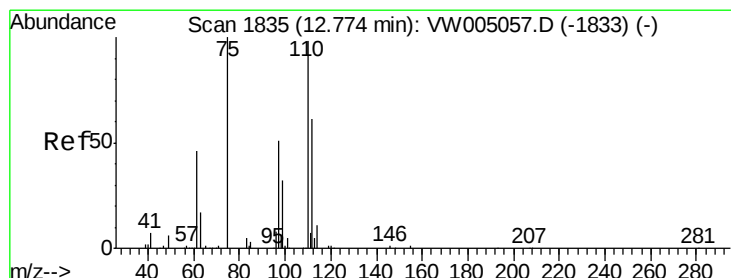
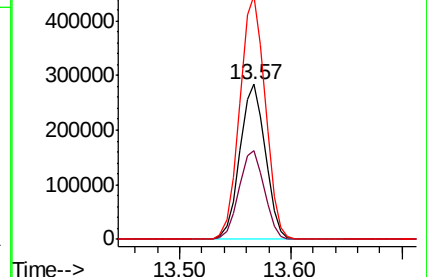
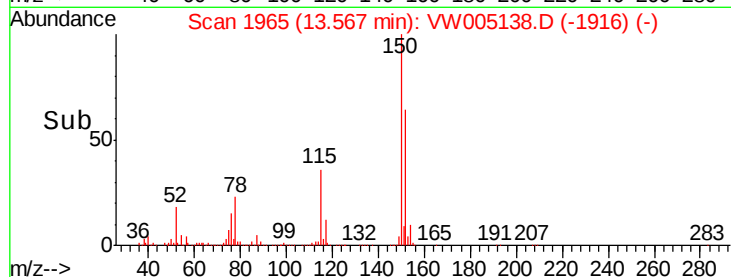
150 157.2 0.0 351.4



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: 61.847 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW005138.D

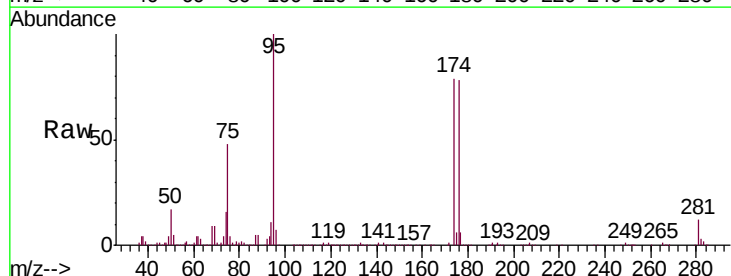
Acq: 05 Sep 2018 19:10

Tgt Ion: 75 Resp: 207785

Ion Ratio Lower Upper

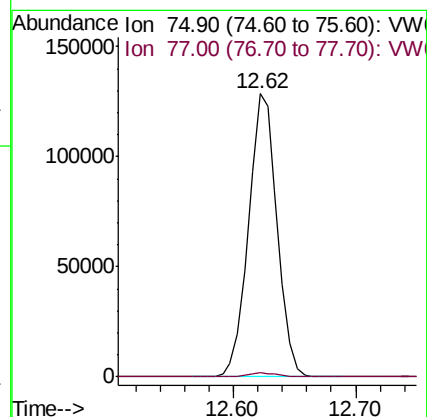
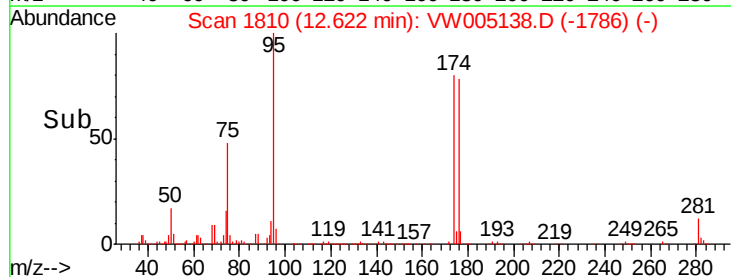
75 100

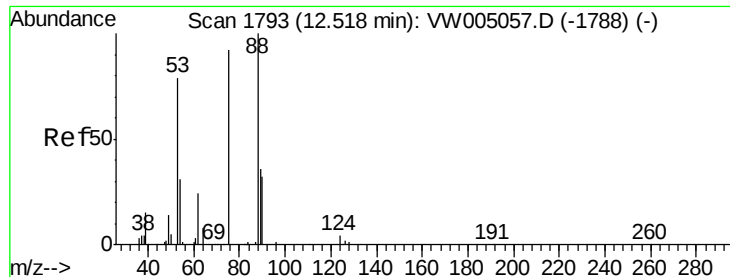
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

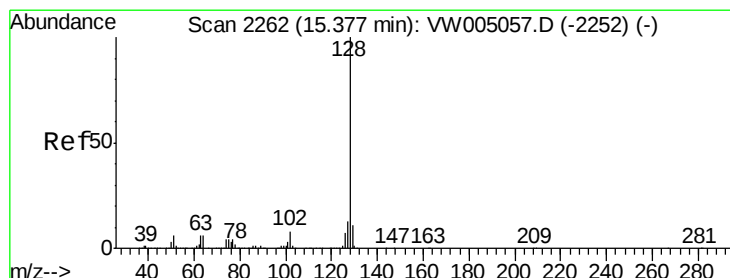
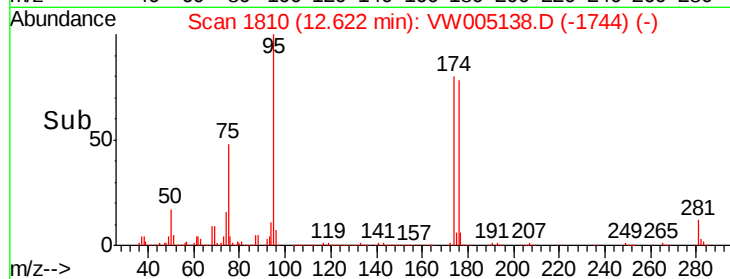
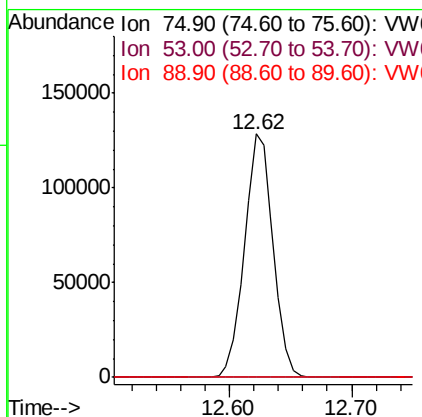
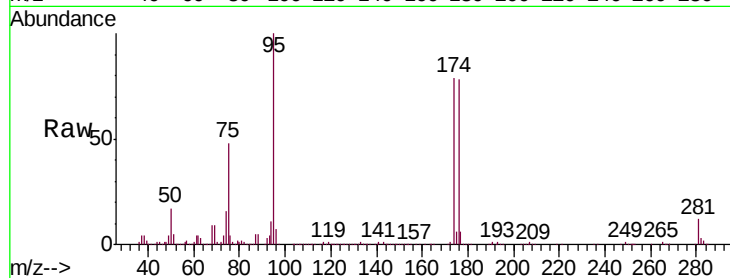




#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.860 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW005138.D
 Acq: 05 Sep 2018 19:10

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03RE

Tgt Ion: 75 Resp: 207785
 Ion Ratio Lower Upper
 75 100
 53 0.3 69.8 104.8#
 89 0.1 36.0 54.0#



#95
 Naphthalene
 Concen: 4.147 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW005138.D
 Acq: 05 Sep 2018 19:10

Tgt Ion: 128 Resp: 2935
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.4 15.6
 129 18.7 8.7 13.1#

