

Data File : VW005141.D
Acq On : 05 Sep 2018 20:27
Operator : SY/AP
Sample : J4712-08RE
Misc : 5.80G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-07RE

Quant Time: Sep 06 01:22:29 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	524772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	841480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	807794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	357747	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	289395	66.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.06%	
35) Dibromofluoromethane	7.89	113	261592	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
50) Toluene-d8	10.33	98	1112351	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.62	95	355830	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	

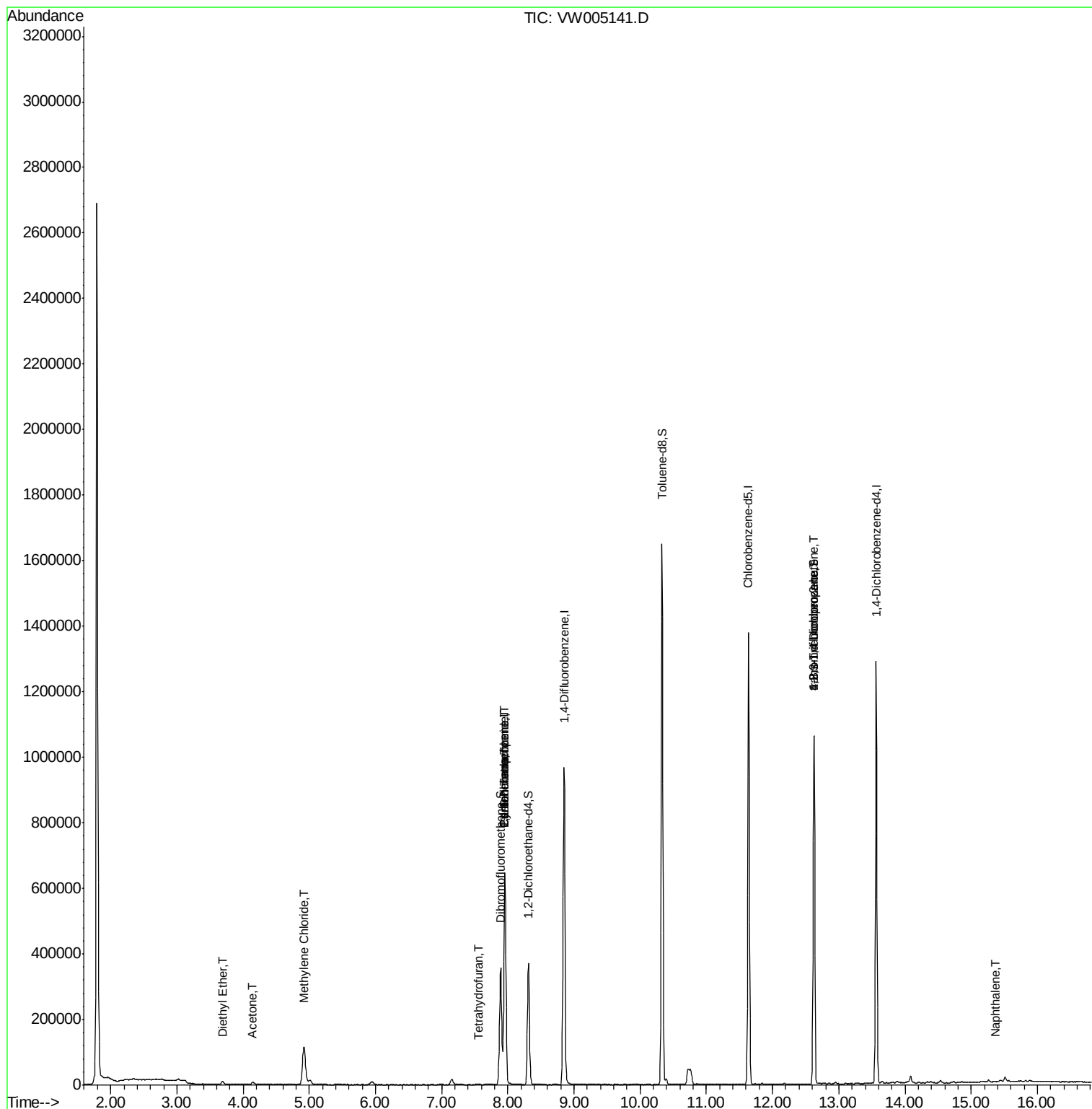
Target Compounds			Qvalue			
5) Bromomethane	2.78	94	691	Below Cal	#	64
8) Diethyl Ether	3.68	74	4890	2.013	ug/l	79
11) Tert butyl alcohol	5.20	59	215	Below Cal	#	93
16) Acetone	4.14	43	13108	15.025	ug/l	94
20) Methylene Chloride	4.92	84	96225	13.484	ug/l	97
29) Tetrahydrofuran	7.55	42	1436	1.857	ug/l #	83
31) Cyclohexane	7.96	56	9530	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	38216	4.769	ug/l #	47
38) Carbon Tetrachloride	7.96	117	47153	6.188	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	167480	62.369	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	167480	150.114	ug/l #	15
95) Naphthalene	15.38	128	1612	4.094	ug/l #	93

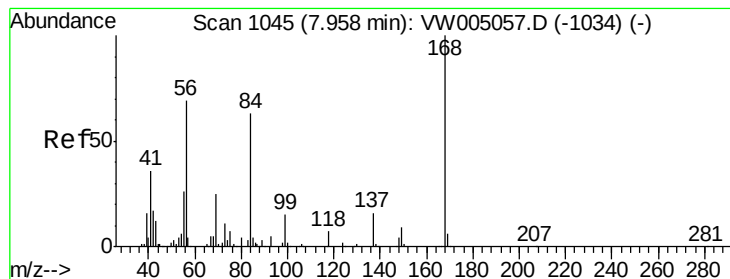
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005141.D

Acq: 05 Sep 2018 20:27

Instrument :

MSVOA_W

ClientSampled :

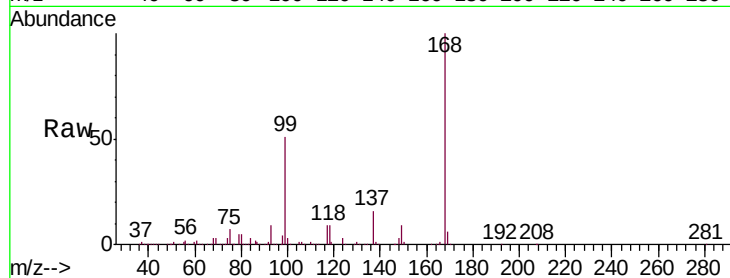
SB-07RE

Tgt Ion:168 Resp: 524772

Ion Ratio Lower Upper

168 100

99 51.4 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

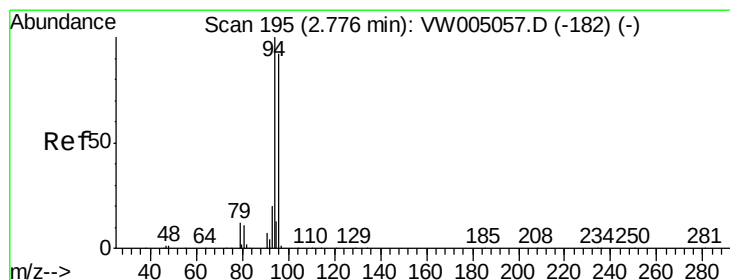
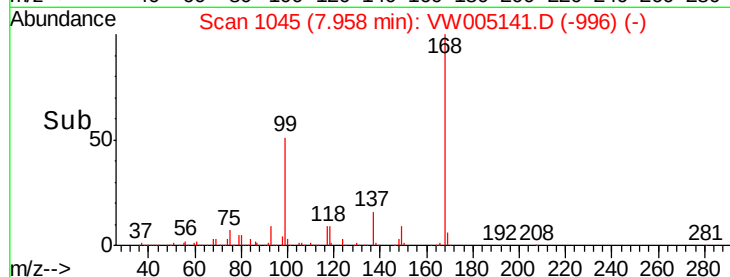
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW005141.D

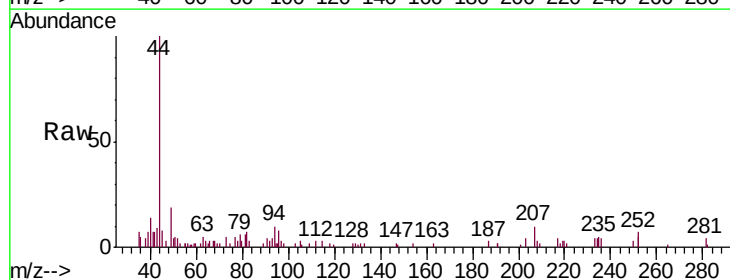
Acq: 05 Sep 2018 20:27

Tgt Ion: 94 Resp: 691

Ion Ratio Lower Upper

94 100

96 57.7 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

400

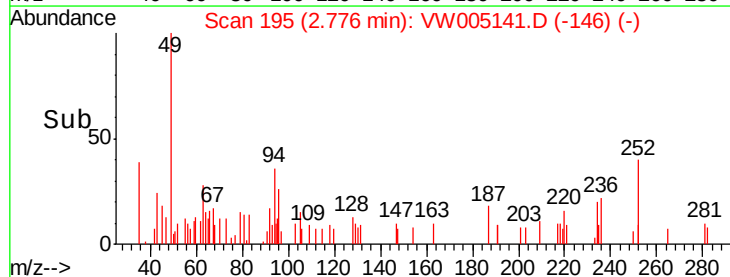
300

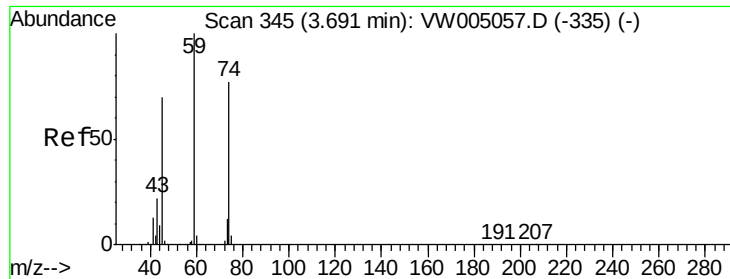
200

100

0

Time--> 2.75 2.80





#8

Diethyl Ether

Concen: 2.013 ug/l

RT: 3.68 min Scan# 344

Delta R.T. -0.01 min

Lab File: VW005141.D

Acq: 05 Sep 2018 20:27

Instrument :

MSVOA_W

ClientSampleId :

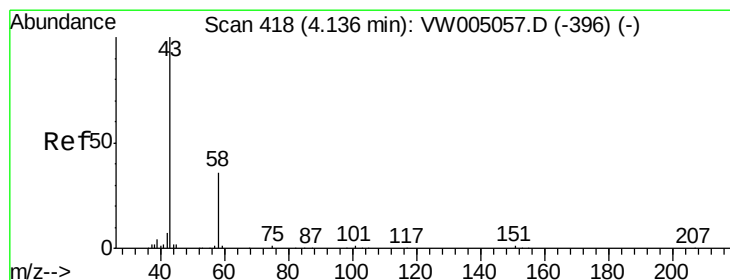
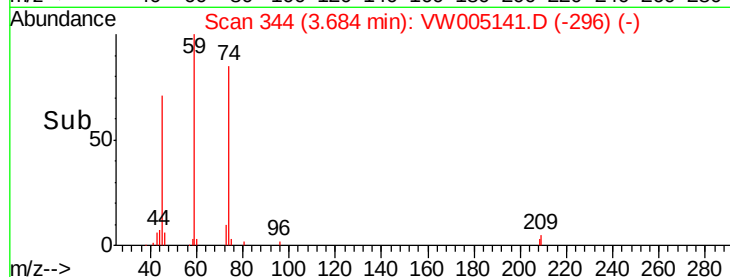
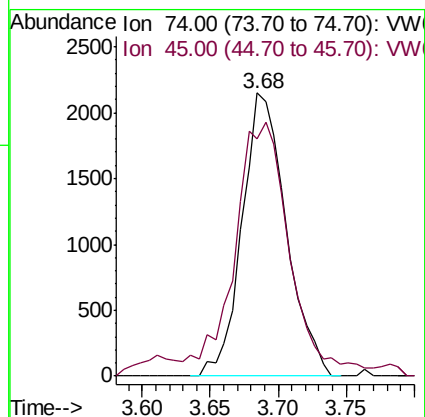
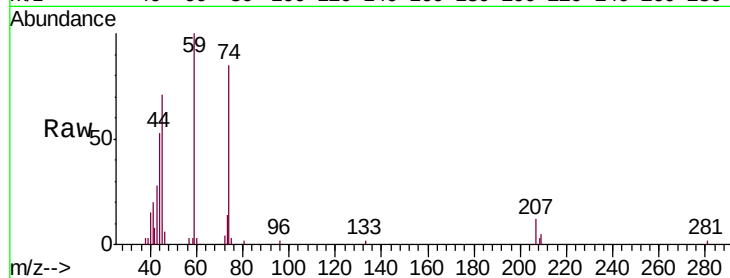
SB-07RE

Tgt Ion: 74 Resp: 4890

Ion Ratio Lower Upper

74 100

45 111.9 46.0 137.8



#16

Acetone

Concen: 15.025 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005141.D

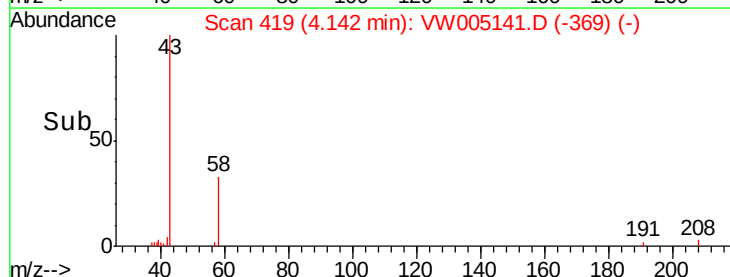
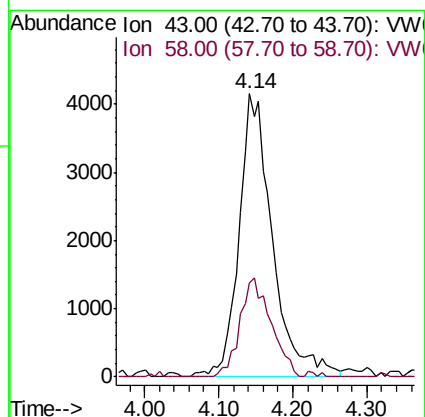
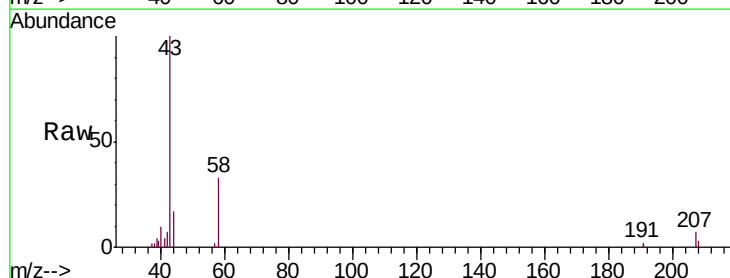
Acq: 05 Sep 2018 20:27

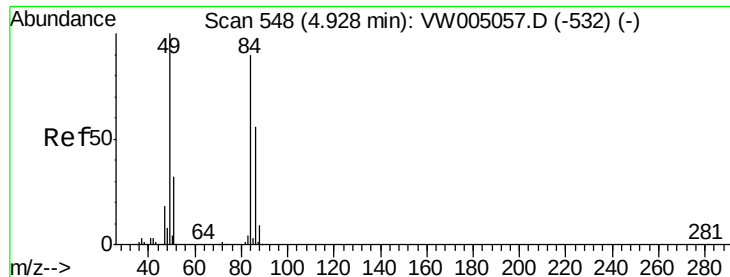
Tgt Ion: 43 Resp: 13108

Ion Ratio Lower Upper

43 100

58 33.0 29.0 43.6

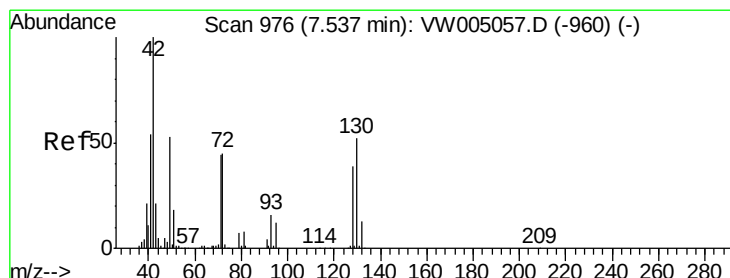
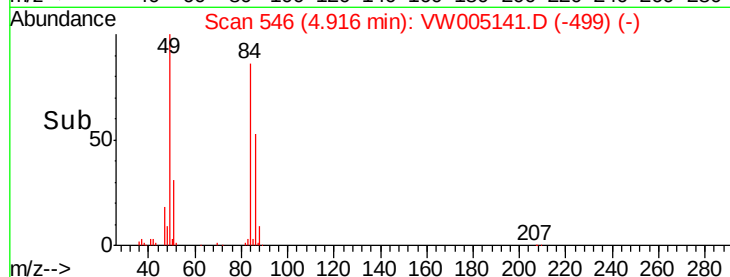
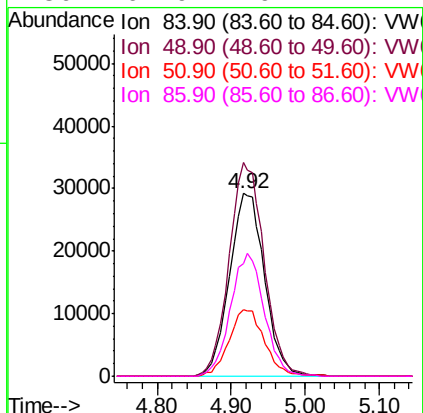
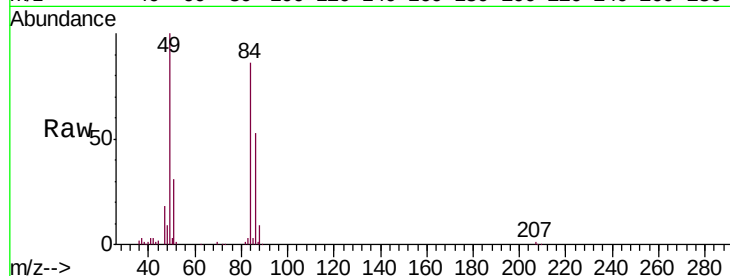




#20
Methylene Chloride
Concen: 13.484 ug/l
RT: 4.92 min Scan# 546
Delta R.T. -0.01 min
Lab File: VW005141.D
Acq: 05 Sep 2018 20:27

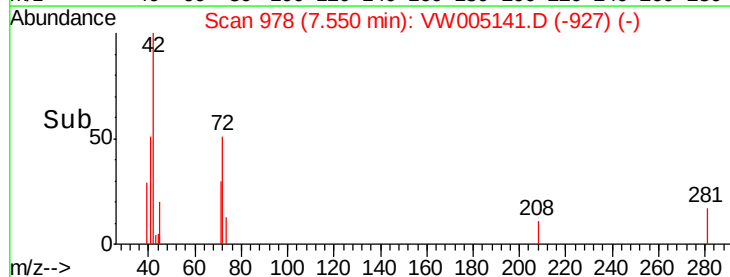
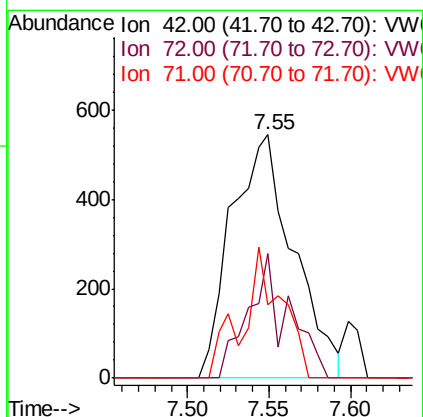
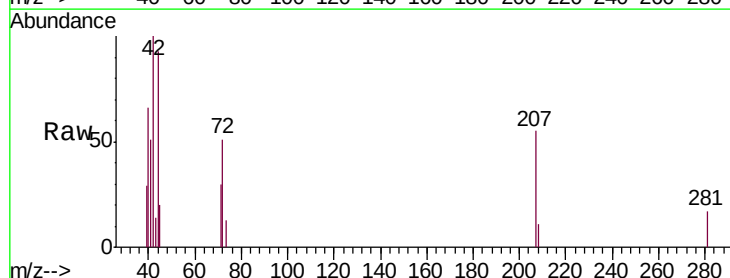
Instrument :
MSVOA_W
ClientSampleId :
SB-07RE

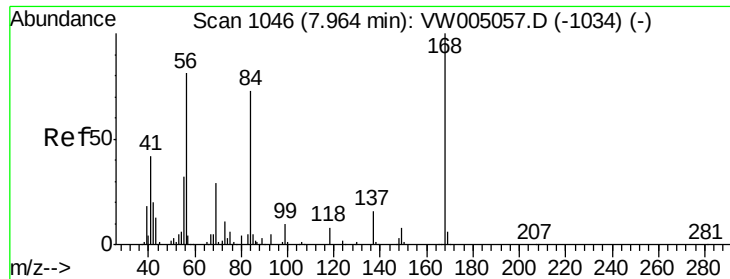
Tgt Ion:	84	Resp:	96225
Ion	Ratio	Lower	Upper
84	100		
49	116.9	88.7	133.1
51	36.6	28.6	42.8
86	61.9	49.4	74.2



#29
Tetrahydrofuran
Concen: 1.857 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW005141.D
Acq: 05 Sep 2018 20:27

Tgt Ion:	42	Resp:	1436
Ion	Ratio	Lower	Upper
42	100		
72	33.2	37.0	55.4#
71	34.1	35.0	52.6#

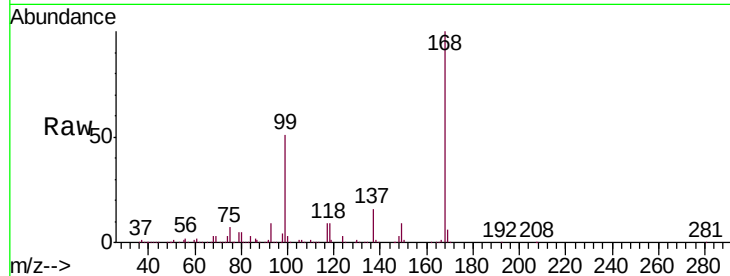




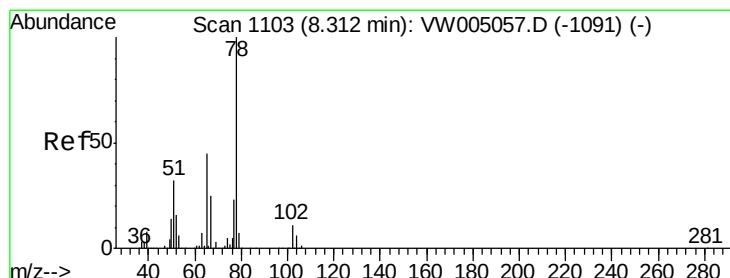
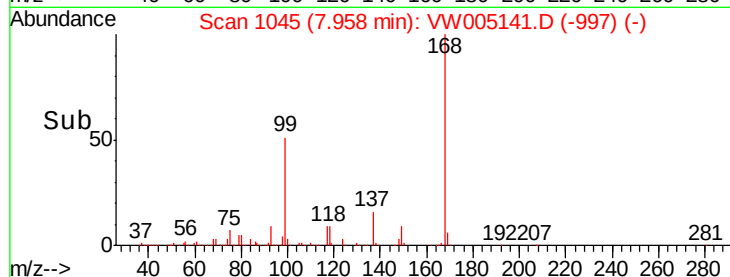
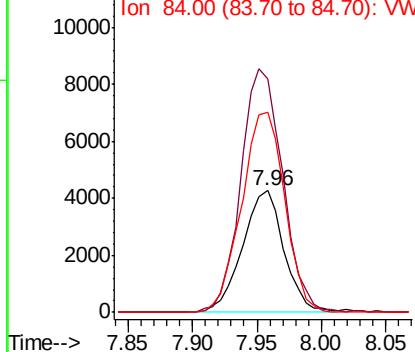
#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005141.D
Acq: 05 Sep 2018 20:27

Instrument :
MSVOA_W
ClientSampled :
SB-07RE

Tgt Ion: 56 Resp: 9530
Ion Ratio Lower Upper
56 100
69 191.7 28.2 42.2#
84 165.0 71.8 107.8#

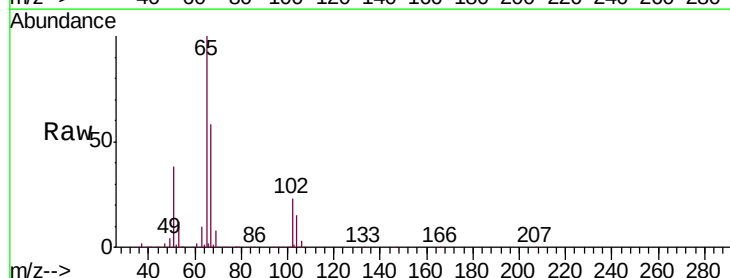


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

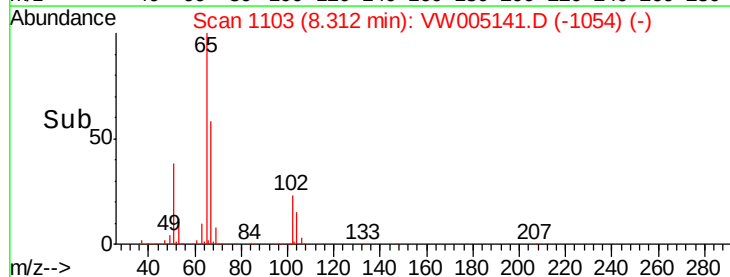
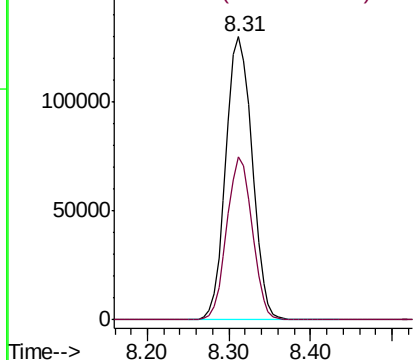


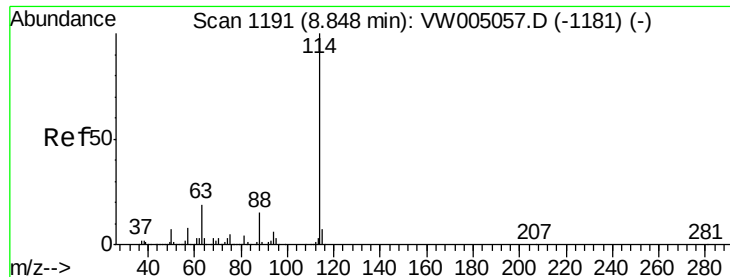
#33
1,2-Dichloroethane-d4
Concen: 66.526 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW005141.D
Acq: 05 Sep 2018 20:27

Tgt Ion: 65 Resp: 289395
Ion Ratio Lower Upper
65 100
67 55.6 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: VW005141.D

Acq: 05 Sep 2018 20:27

Instrument :

MSVOA_W

ClientSampleId :

SB-07RE

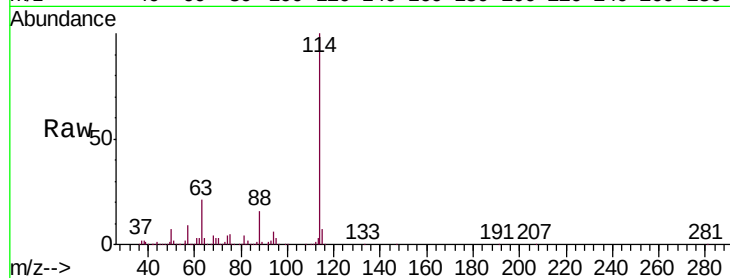
Tgt Ion:114 Resp: 841480

Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.0

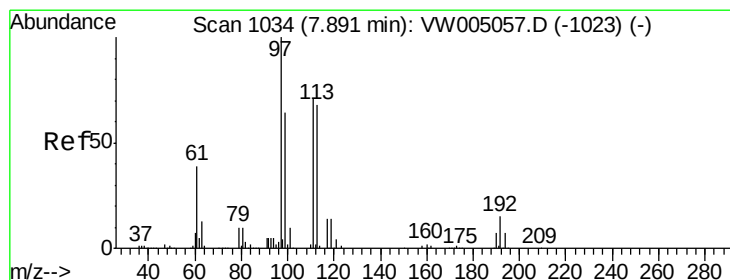
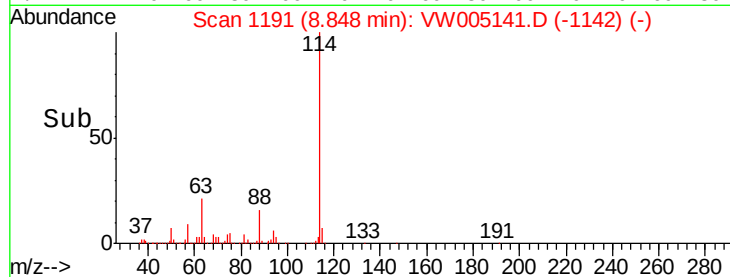
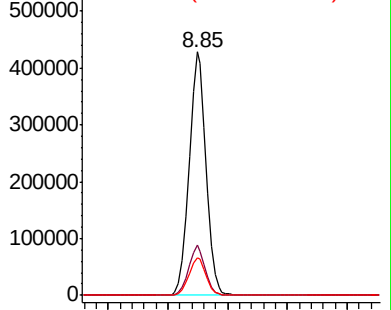
88 15.6 0.0 30.2



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: 53.795 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VW005141.D

Acq: 05 Sep 2018 20:27

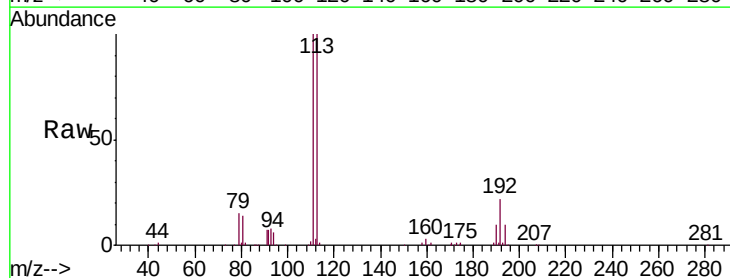
Tgt Ion:113 Resp: 261592

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

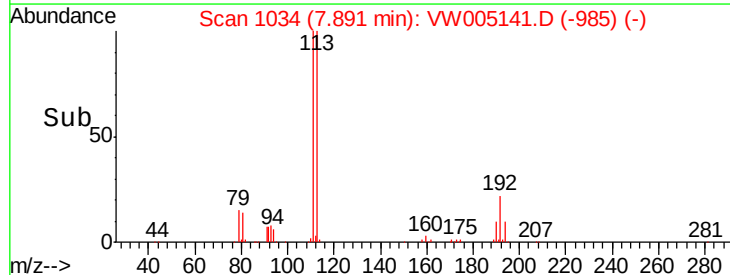
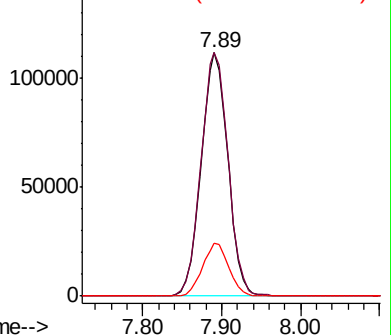
192 21.4 18.1 27.1

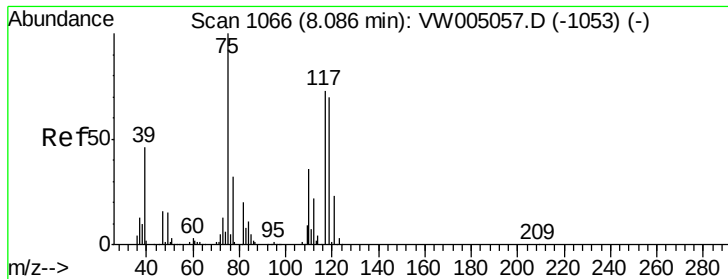


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

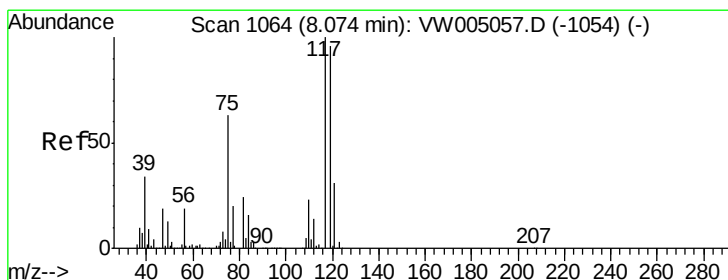
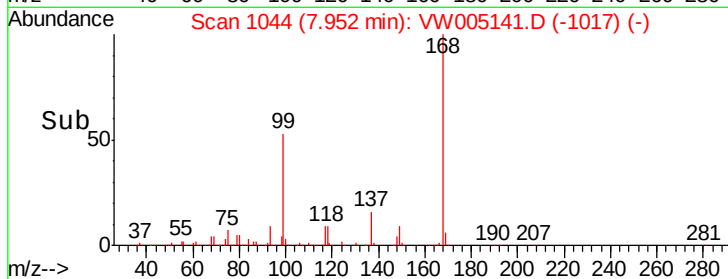
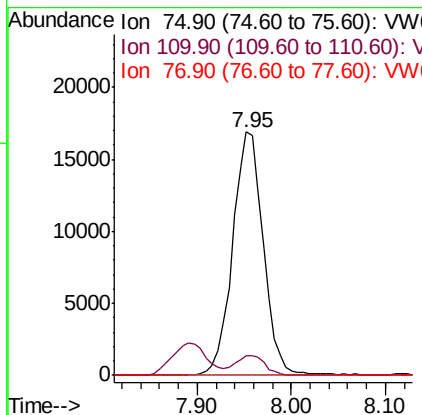
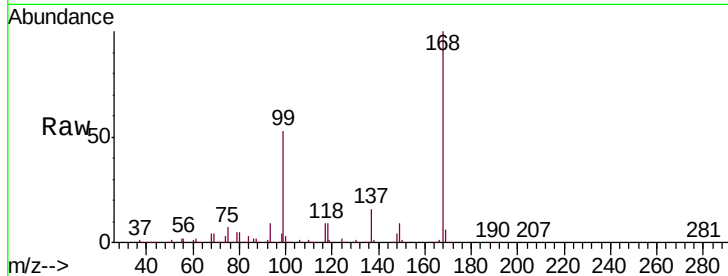




#36
 1,1-Dichloropropene
 Concen: 4.769 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW005141.D
 Acq: 05 Sep 2018 20:27

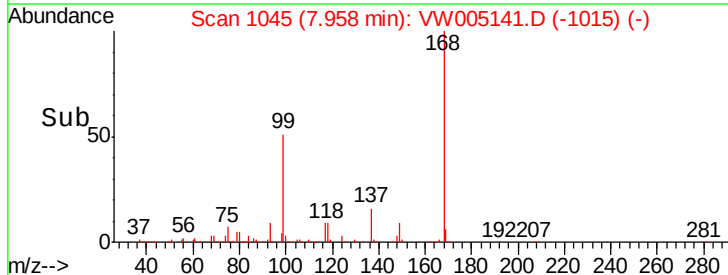
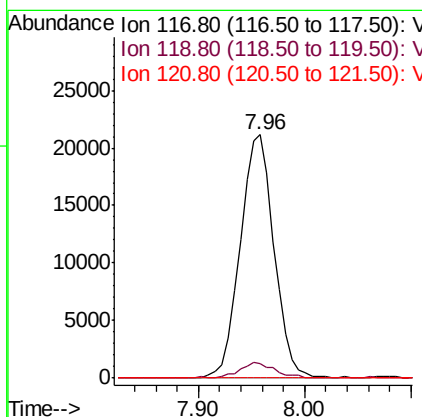
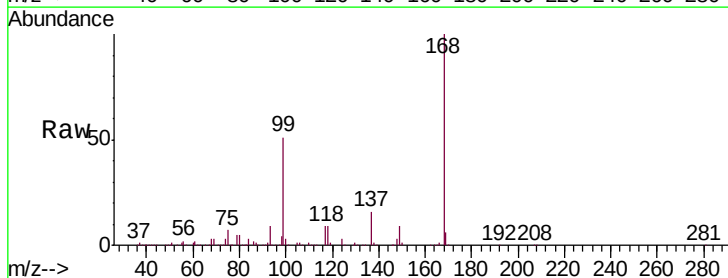
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-07RE

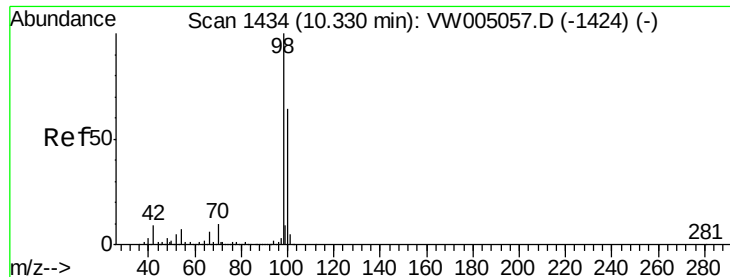
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.9	56.7#
77	0.2	25.5	38.3#



#38
 Carbon Tetrachloride
 Concen: 6.188 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.12 min
 Lab File: VW005141.D
 Acq: 05 Sep 2018 20:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.6	115.0#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.643 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005141.D

Acq: 05 Sep 2018 20:27

Instrument :

MSVOA_W

ClientSampleId :

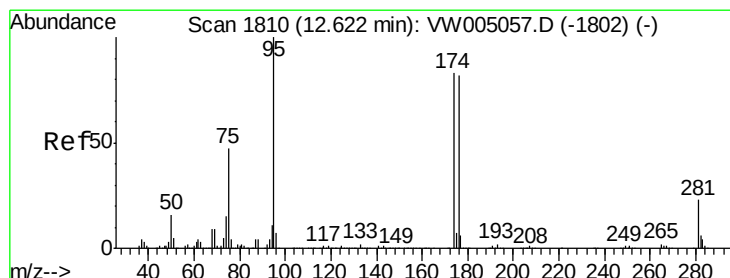
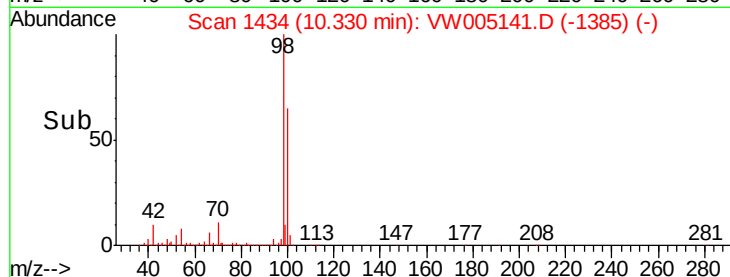
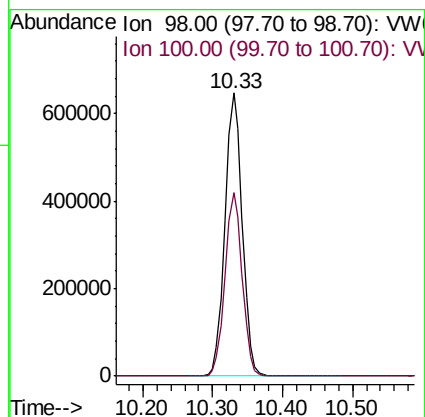
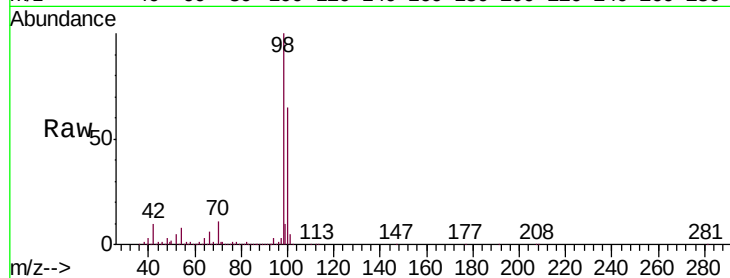
SB-07RE

Tgt Ion: 98 Resp: 1112351

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.037 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW005141.D

Acq: 05 Sep 2018 20:27

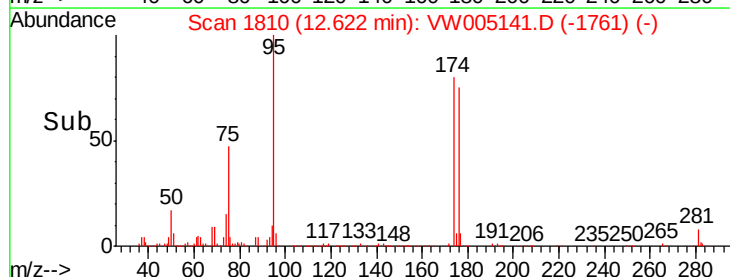
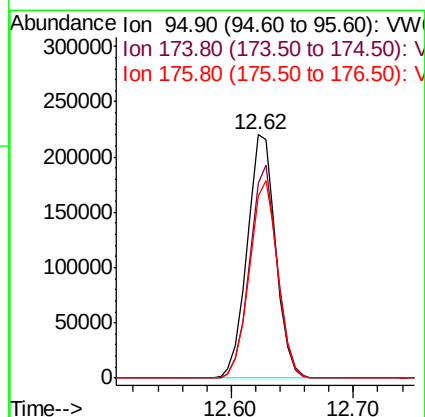
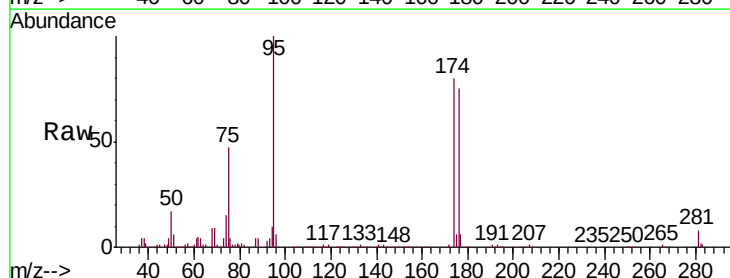
Tgt Ion: 95 Resp: 355830

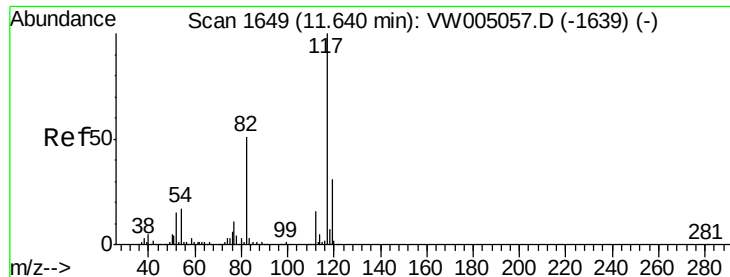
Ion Ratio Lower Upper

95 100

174 84.8 0.0 173.4

176 80.8 0.0 167.4

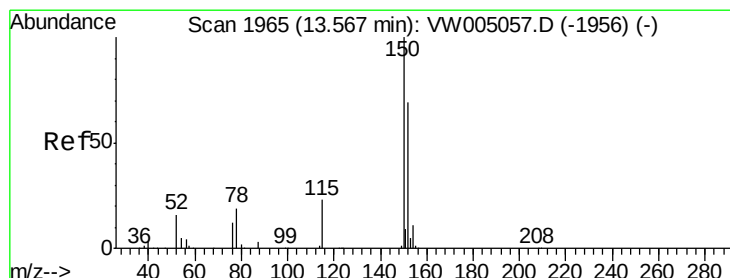
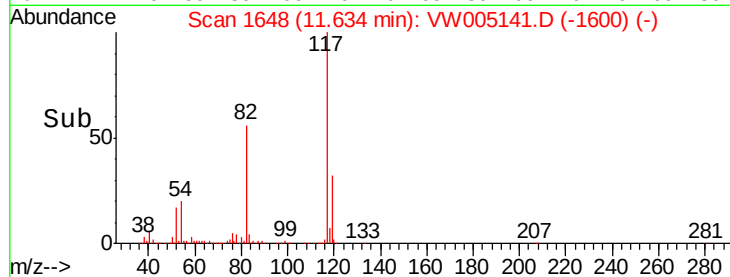
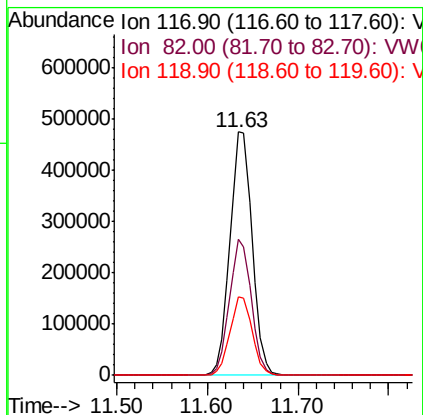
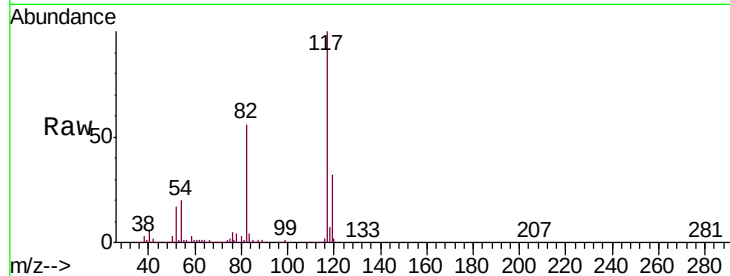




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005141.D
Acq: 05 Sep 2018 20:27

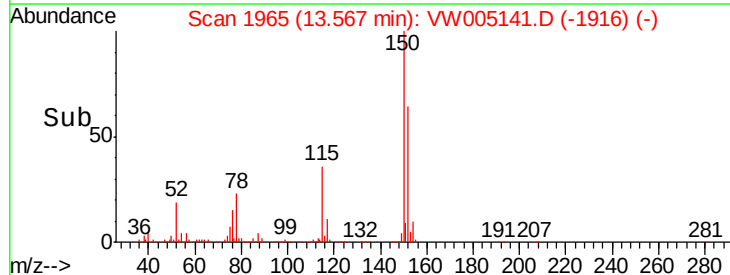
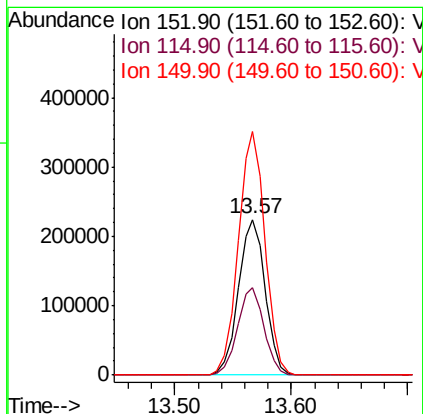
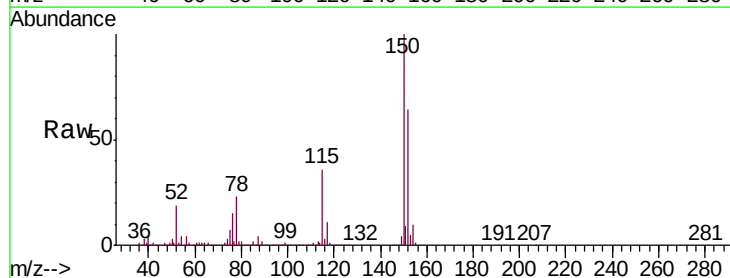
Instrument :
MSVOA_W
ClientSampleId :
SB-07RE

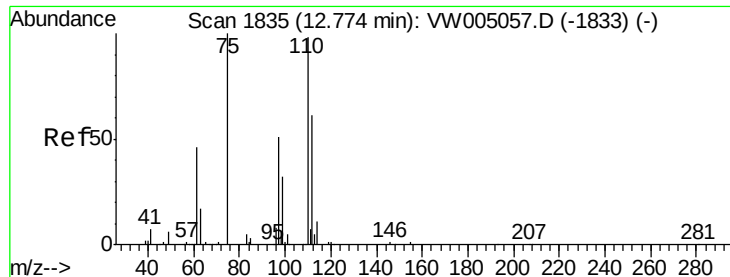
Tgt Ion:117 Resp: 807794
Ion Ratio Lower Upper
117 100
82 55.9 40.9 61.3
119 32.0 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005141.D
Acq: 05 Sep 2018 20:27

Tgt Ion:152 Resp: 357747
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 156.2 0.0 351.4

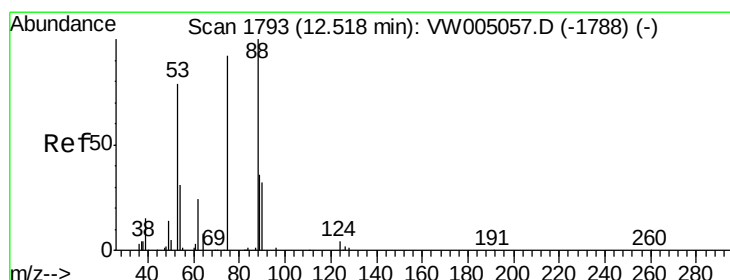
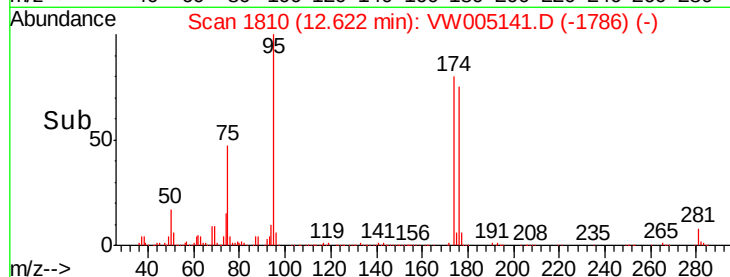
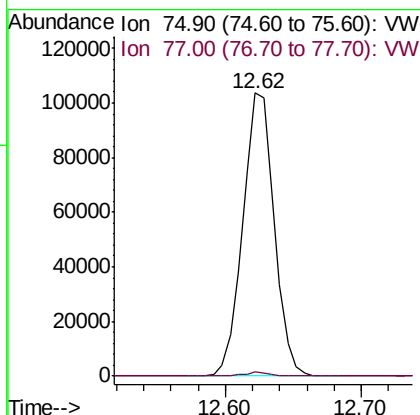
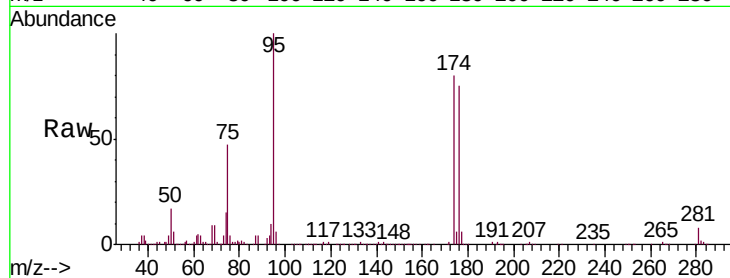




#76
 1,2,3-Trichloropropane
 Concen: 62.369 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW005141.D
 Acq: 05 Sep 2018 20:27

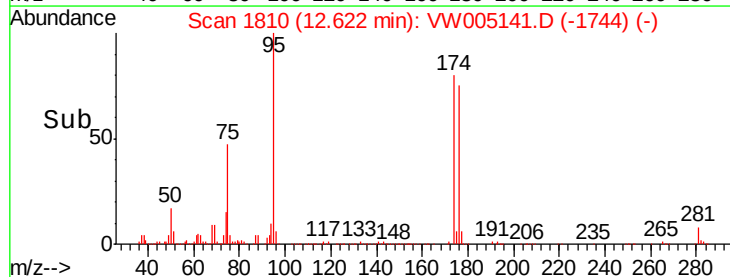
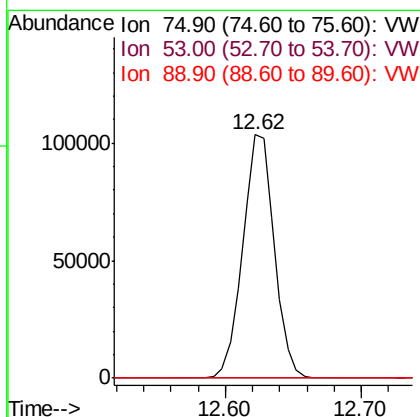
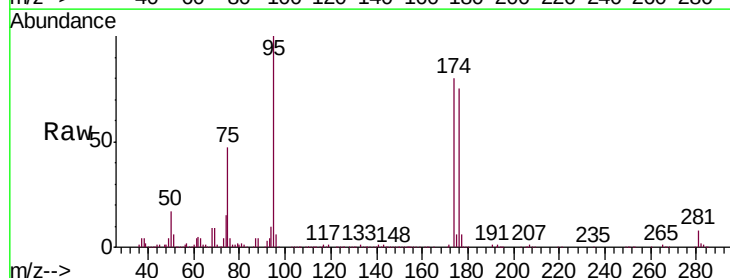
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-07RE

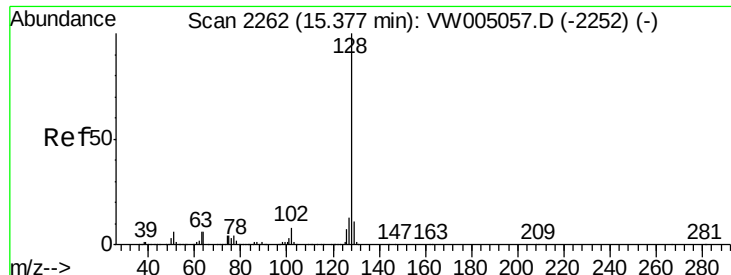
Tgt Ion: 75 Resp: 167480
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.114 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW005141.D
 Acq: 05 Sep 2018 20:27

Tgt Ion: 75 Resp: 167480
 Ion Ratio Lower Upper
 75 100
 53 0.2 69.8 104.8#
 89 0.0 36.0 54.0#





#95

Naphthalene

Concen: 4.094 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005141.D

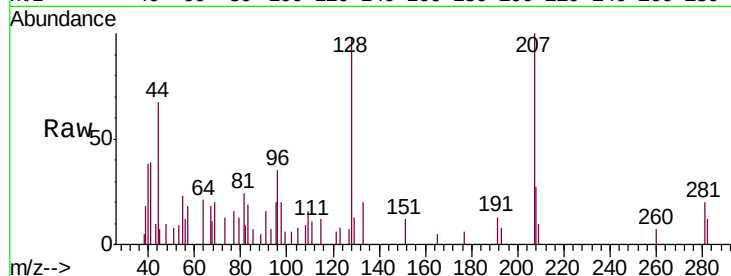
Acq: 05 Sep 2018 20:27

Instrument :

MSVOA_W

ClientSampleId :

SB-07RE



Tgt Ion:	128	Resp:	1612
Ion	Ratio	Lower	Upper
128	100		
127	9.4	10.4	15.6#
129	9.4	8.7	13.1

