

Data File : VW005090.D
Acq On : 04 Sep 2018 19:48
Operator : SY/AP
Sample : J4710-04RE
Misc : 4.32G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-07-10-10.5RE

Quant Time: Sep 05 04:14:44 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	51332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	92412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	102102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	40004	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	29279	68.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.62%	
35) Dibromofluoromethane	7.89	113	26297	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	10.33	98	75279	30.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.18%	
62) 4-Bromofluorobenzene	12.62	95	25695	29.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.22%	

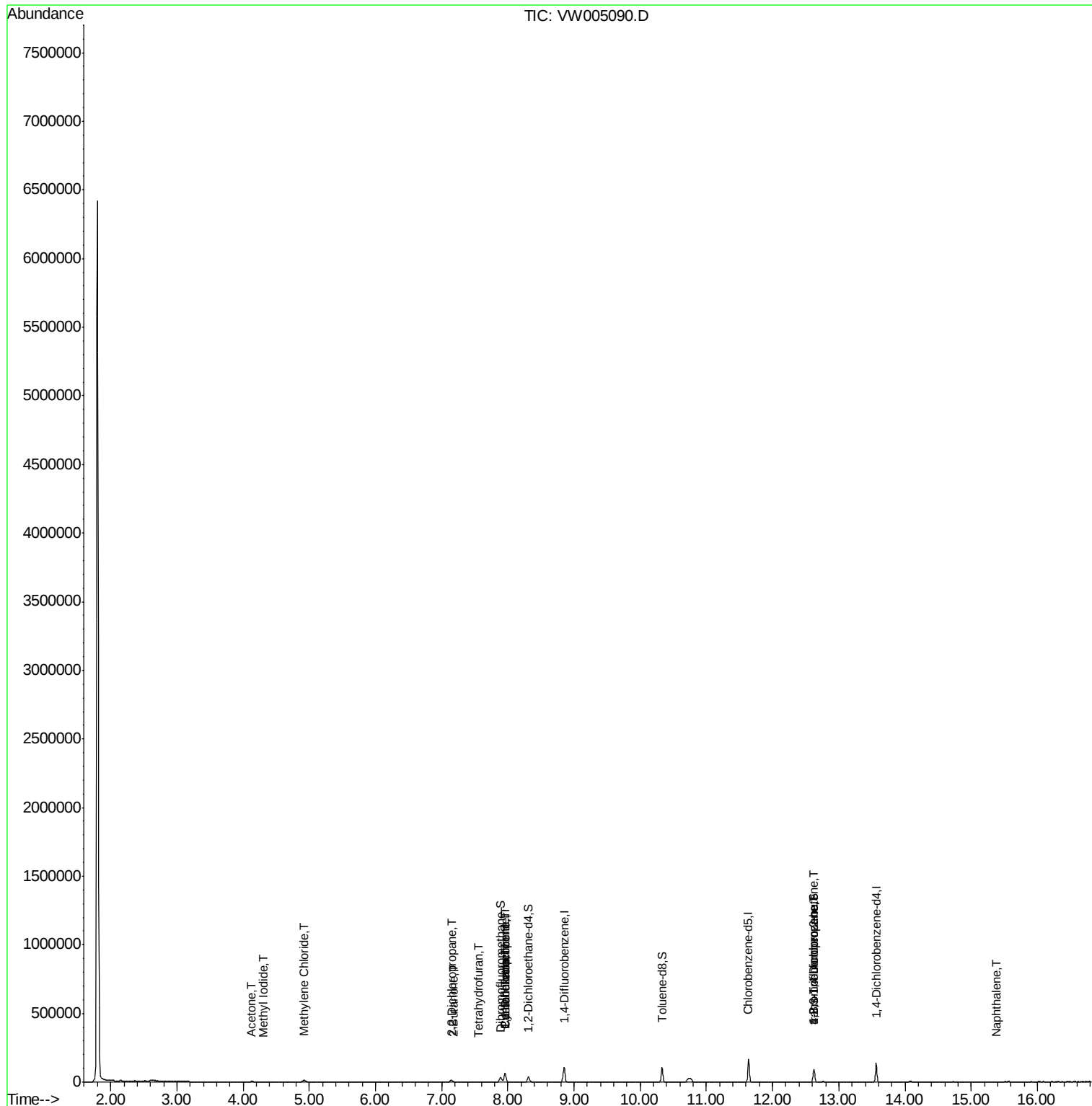
Target Compounds			Qvalue			
5) Bromomethane	2.78	94	418	Below Cal	#	48
10) Methyl Iodide	4.29	142	95	3.949	ug/l #	44
11) Tert butyl alcohol	5.16	59	289	Below Cal	#	72
16) Acetone	4.13	43	6094	71.411	ug/l	91
20) Methylene Chloride	4.92	84	11419	17.259	ug/l #	87
25) 2-Butanone	7.18	43	187	1.263	ug/l #	46
26) 2,2-Dichloropropane	7.14	77	872	1.243	ug/l #	51
29) Tetrahydrofuran	7.55	42	123	1.626	ug/l #	60
31) Cyclohexane	7.96	56	887	1.061	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	3555	4.039	ug/l #	45
38) Carbon Tetrachloride	7.96	117	4354	5.203	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	12068	40.189	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	12068	96.731	ug/l #	14
95) Naphthalene	15.39	128	500	4.299	ug/l #	74

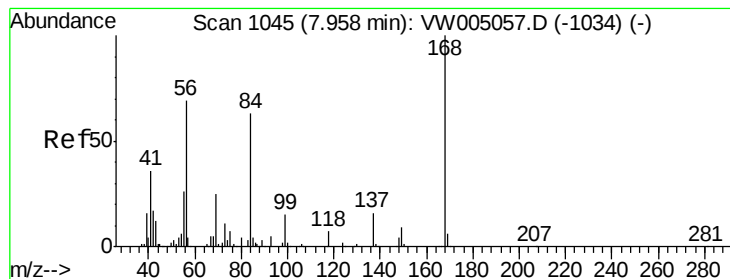
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005090.D

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Instrument :

MSVOA_W

ClientSampleId :

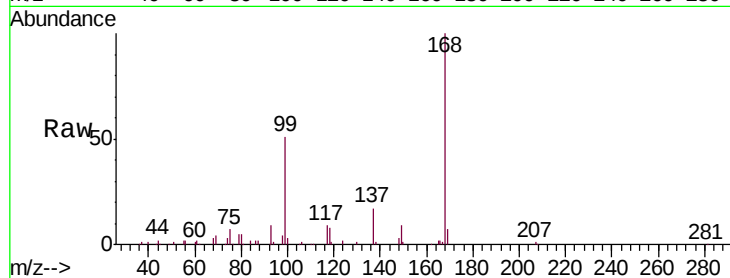
ENY-SB-07-10-10.5RE

Tgt Ion:168 Resp: 51332

Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

25000

20000

15000

10000

5000

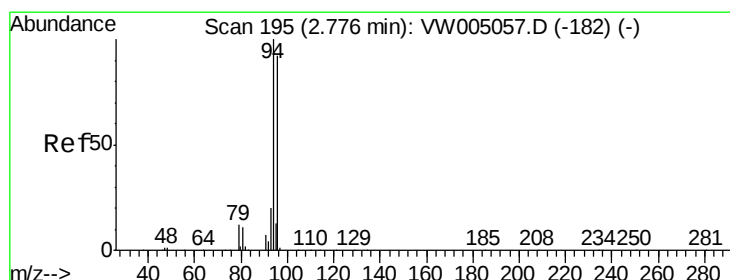
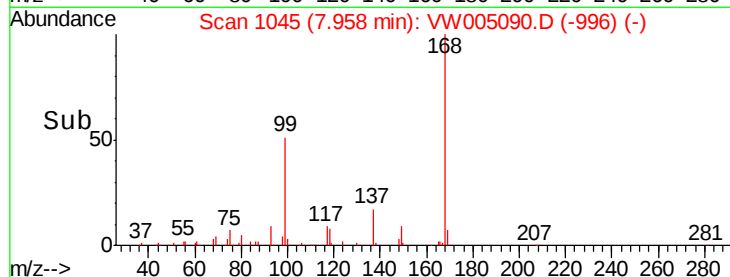
0

7.90

8.00

8.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW005090.D

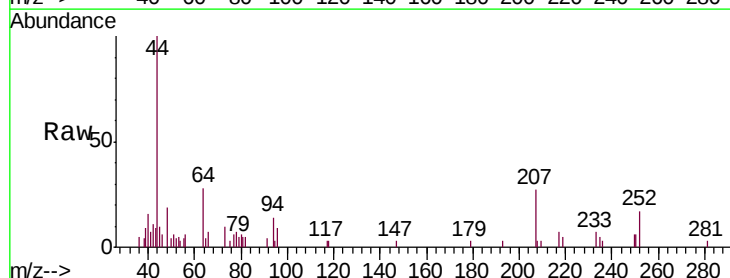
Acq: 04 Sep 2018 19:48

Tgt Ion: 94 Resp: 418

Ion Ratio Lower Upper

94 100

96 42.1 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

300

250

200

150

100

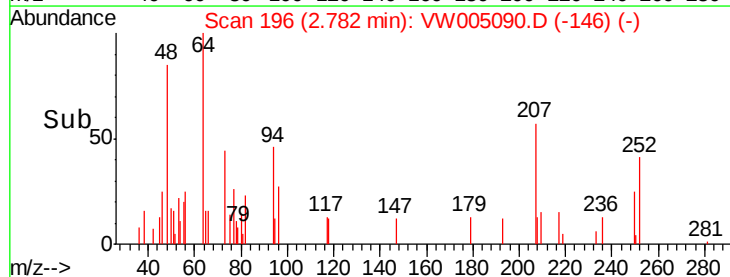
50

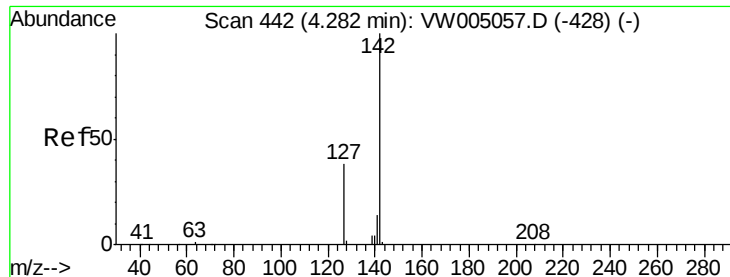
0

2.75

2.80

Time-->

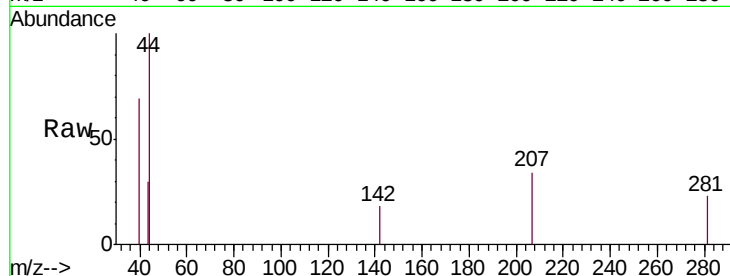




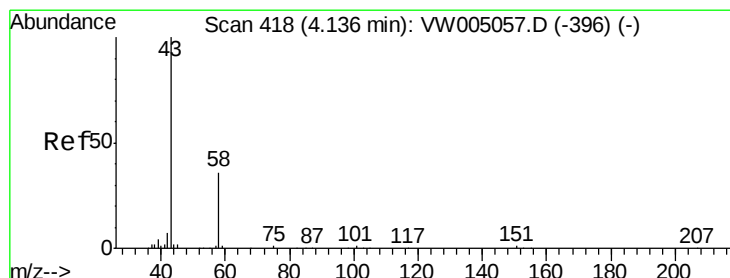
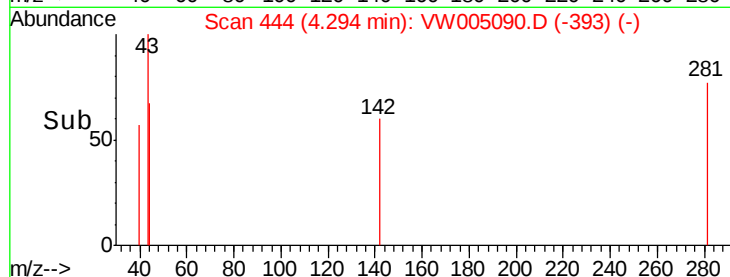
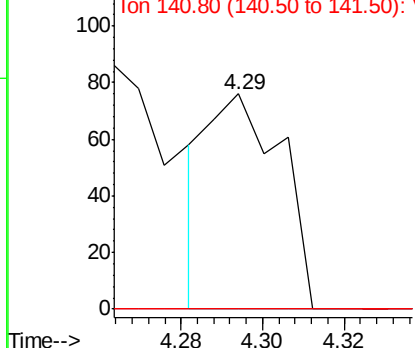
#10
Methyl Iodide
Concen: 3.949 ug/l
RT: 4.29 min Scan# 444
Delta R.T. 0.01 min
Lab File: VW005090.D
Acq: 04 Sep 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-07-10-10.5RE

Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
127 0.0 30.8 46.2#
141 0.0 11.6 17.4#

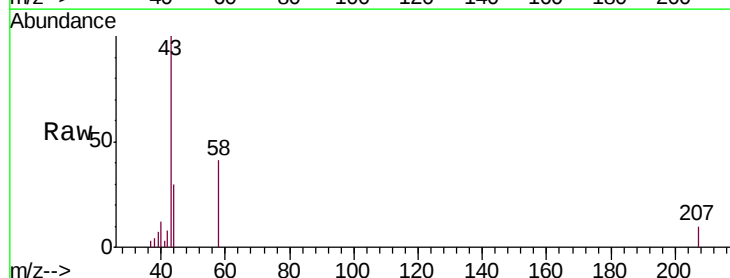


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

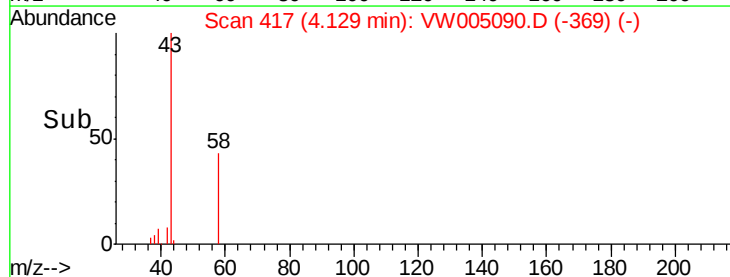
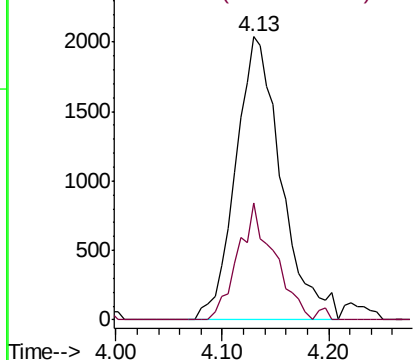


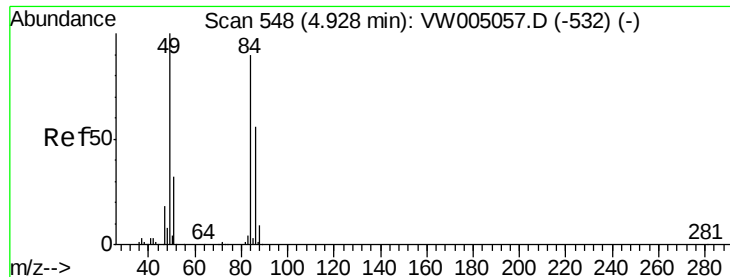
#16
Acetone
Concen: 71.411 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW005090.D
Acq: 04 Sep 2018 19:48

Tgt Ion: 43 Resp: 6094
Ion Ratio Lower Upper
43 100
58 41.4 29.0 43.6



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

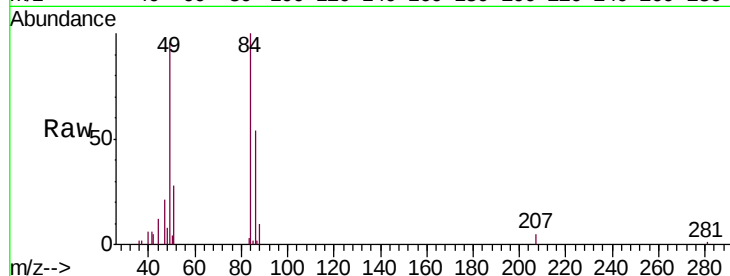




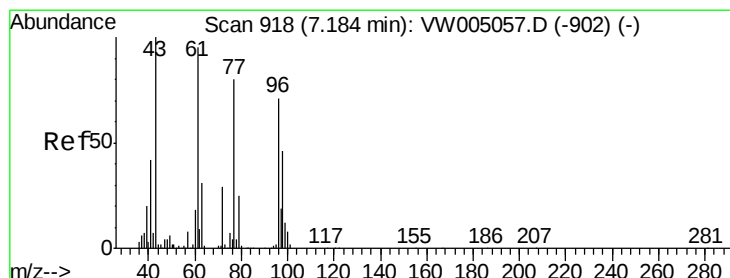
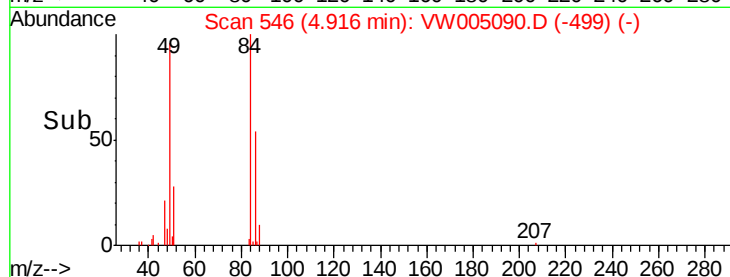
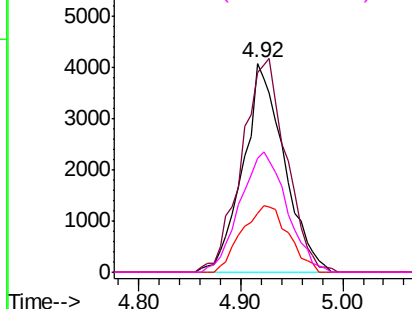
#20
Methylene Chloride
Concen: 17.259 ug/l
RT: 4.92 min Scan# 546
Delta R.T. -0.01 min
Lab File: VW005090.D
Acq: 04 Sep 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-07-10-10.5RE

Tgt Ion: 84 Resp: 11419
Ion Ratio Lower Upper
84 100
49 95.8 88.7 133.1
51 28.5 28.6 42.8#
86 54.3 49.4 74.2

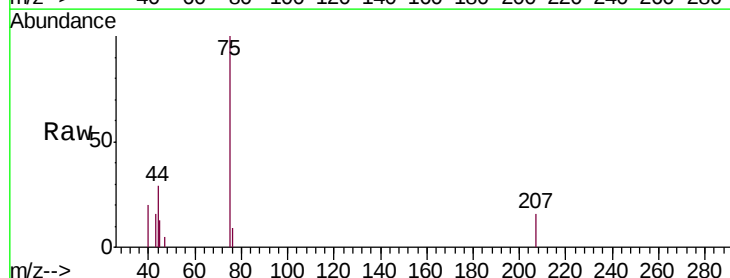


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

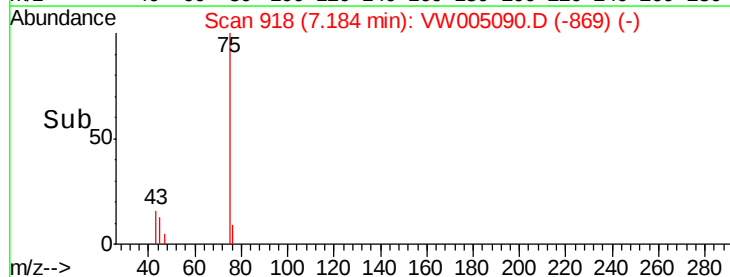
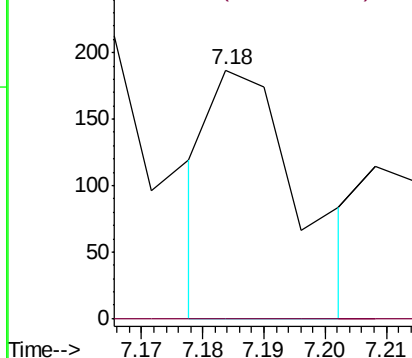


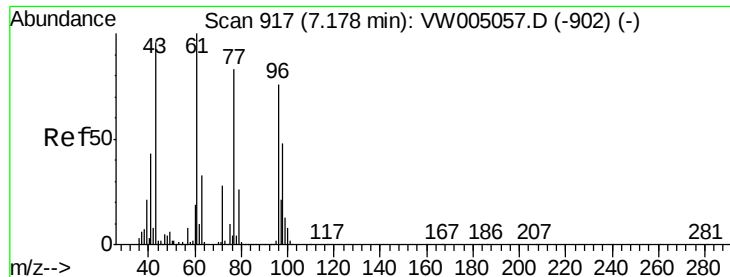
#25
2-Butanone
Concen: 1.263 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW005090.D
Acq: 04 Sep 2018 19:48

Tgt Ion: 43 Resp: 187
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

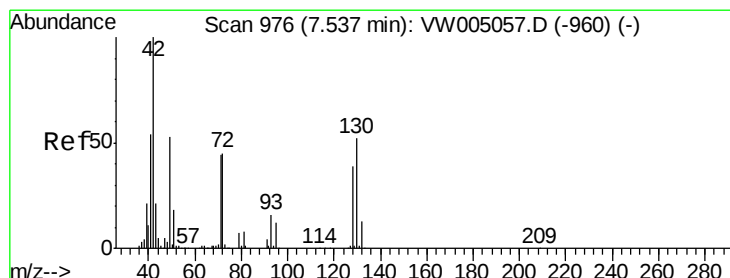
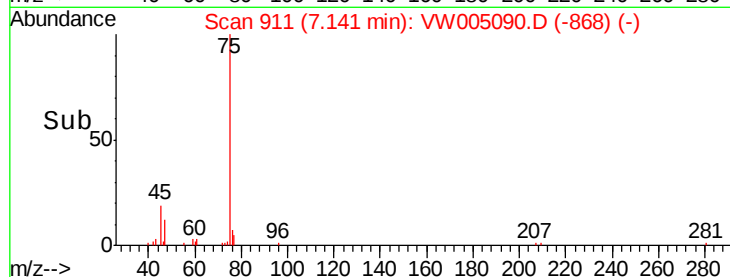
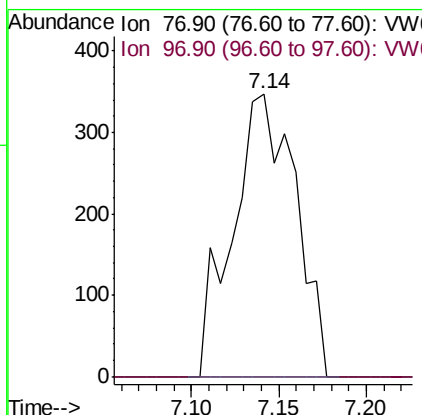
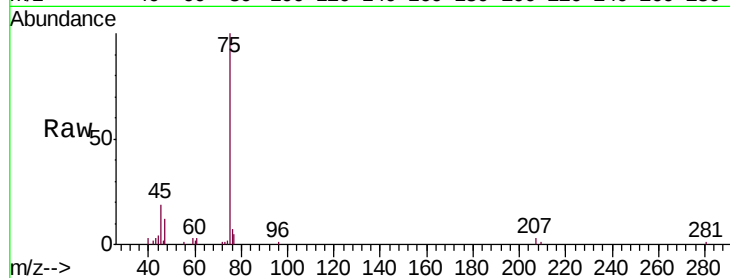




#26
 2,2-Dichloropropane
 Concen: 1.243 ug/l
 RT: 7.14 min Scan# 911
 Delta R.T. -0.04 min
 Lab File: VW005090.D
 Acq: 04 Sep 2018 19:48

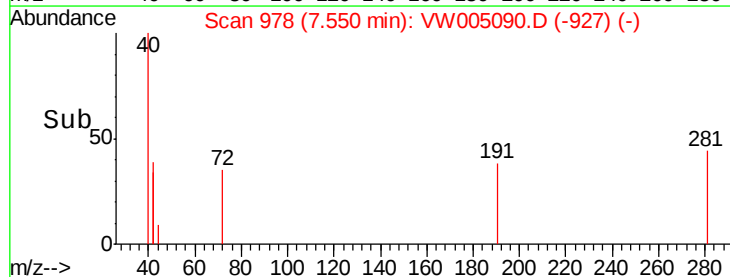
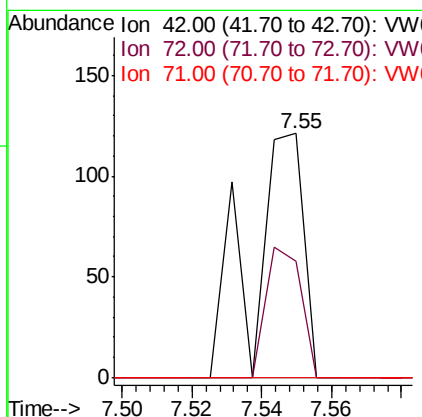
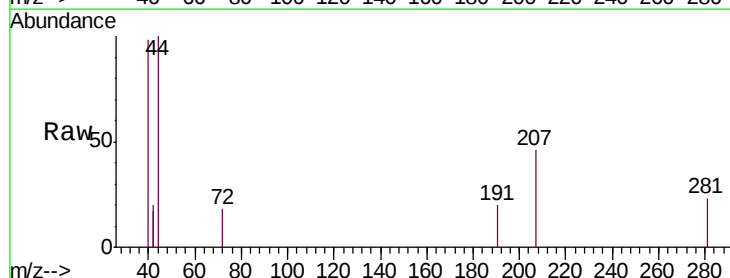
Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-07-10-10.5RE

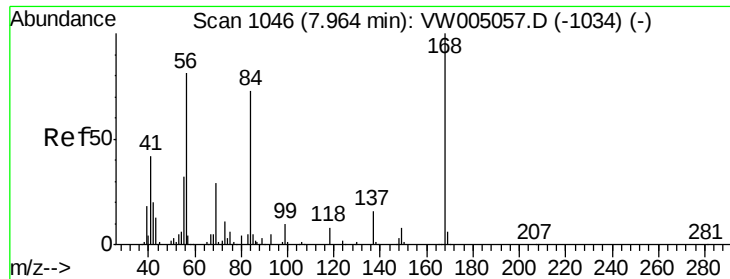
Tgt Ion: 77 Resp: 872
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.2 36.6#



#29
 Tetrahydrofuran
 Concen: 1.626 ug/l
 RT: 7.55 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: VW005090.D
 Acq: 04 Sep 2018 19:48

Tgt Ion: 42 Resp: 123
 Ion Ratio Lower Upper
 42 100
 72 36.6 37.0 55.4#
 71 0.0 35.0 52.6#

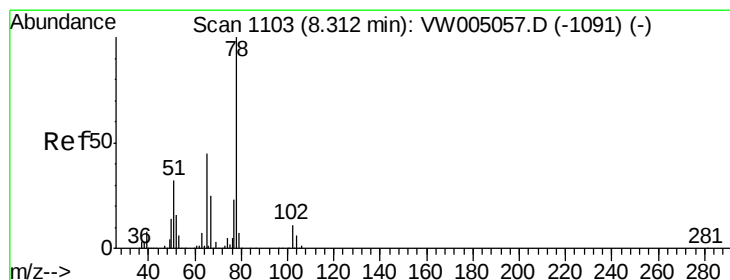
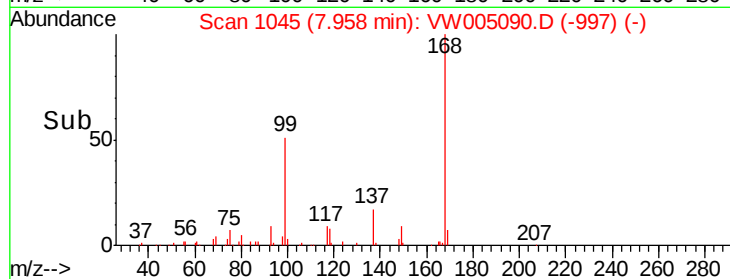
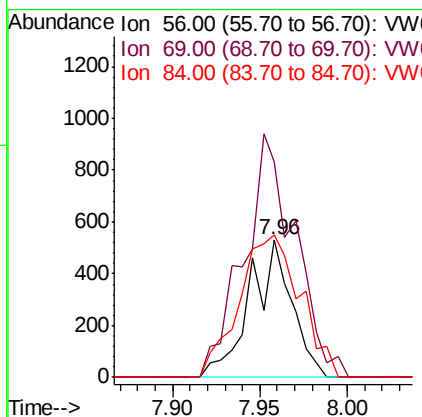
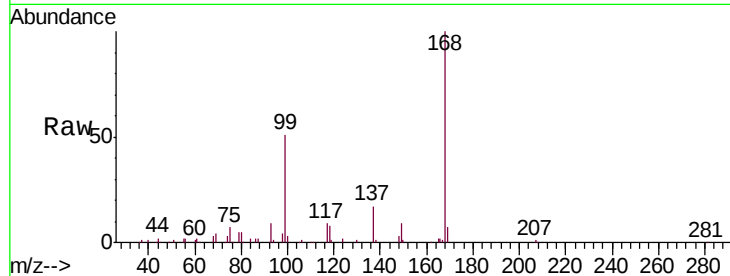




#31
Cyclohexane
Concen: 1.061 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VW005090.D
Acq: 04 Sep 2018 19:48

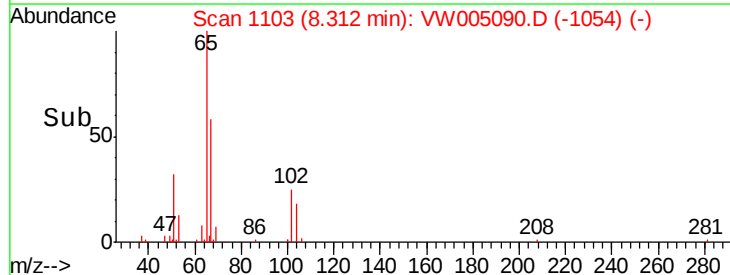
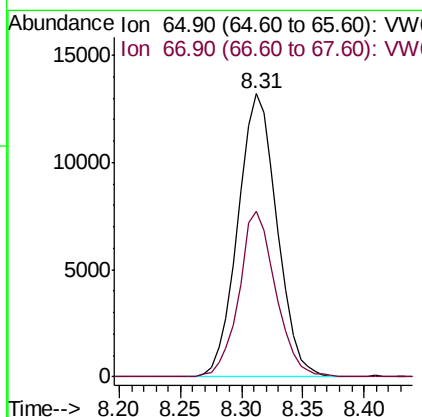
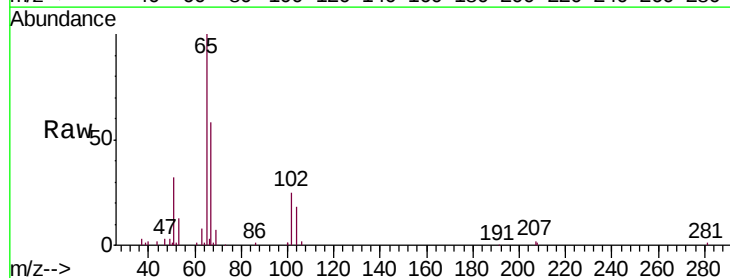
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-07-10-10.5RE

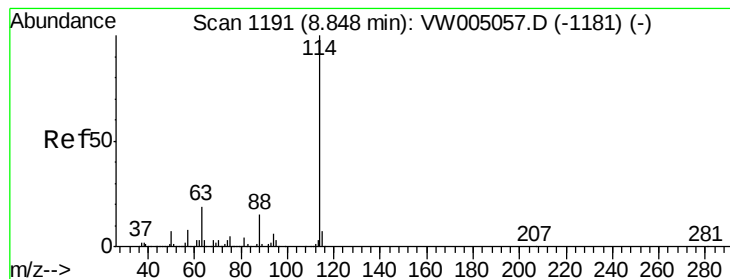
Tgt Ion: 56 Resp: 887
Ion Ratio Lower Upper
56 100
69 156.4 28.2 42.2#
84 103.4 71.8 107.8



#33
1,2-Dichloroethane-d4
Concen: 68.808 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW005090.D
Acq: 04 Sep 2018 19:48

Tgt Ion: 65 Resp: 29279
Ion Ratio Lower Upper
65 100
67 54.9 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: VW005090.D

Acq: 04 Sep 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-07-10-10.5RE

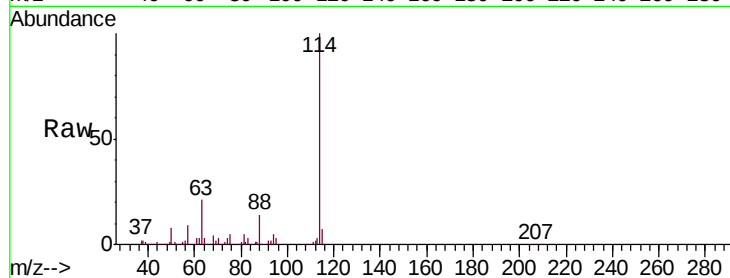
Tgt Ion:114 Resp: 92412

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.0

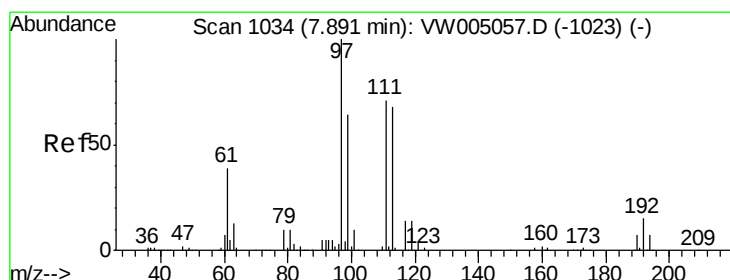
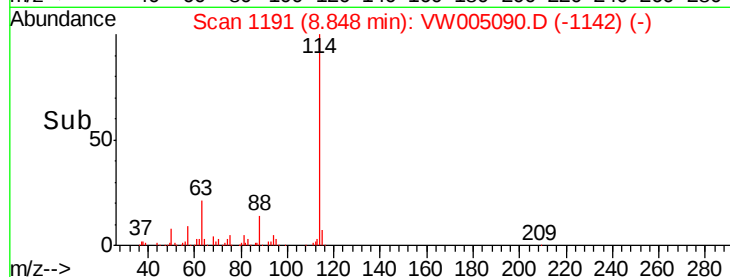
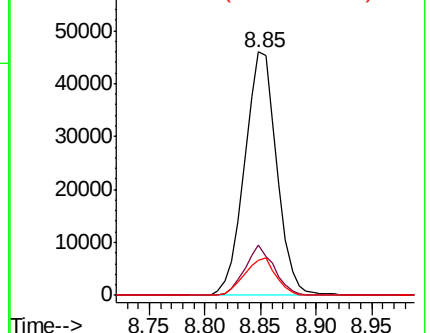
88 14.1 0.0 30.2



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: 49.242 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VW005090.D

Acq: 04 Sep 2018 19:48

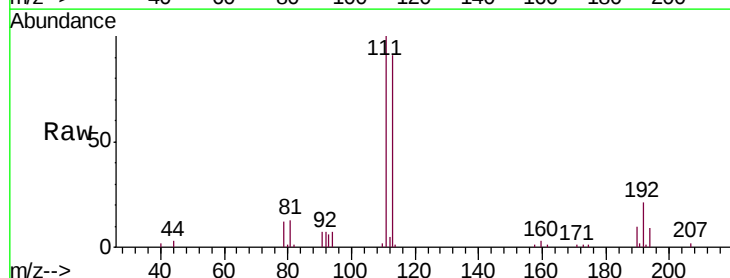
Tgt Ion:113 Resp: 26297

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

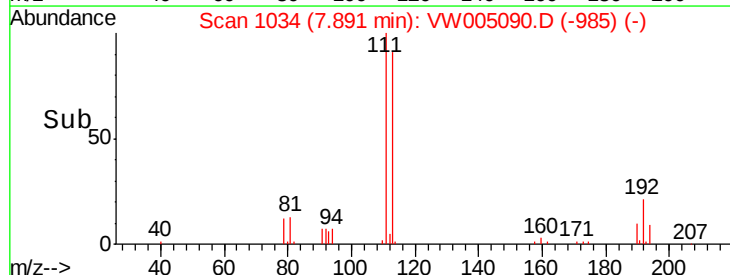
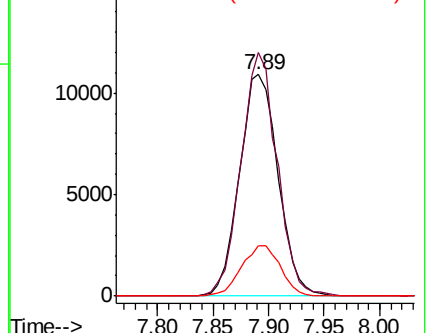
192 23.0 18.1 27.1

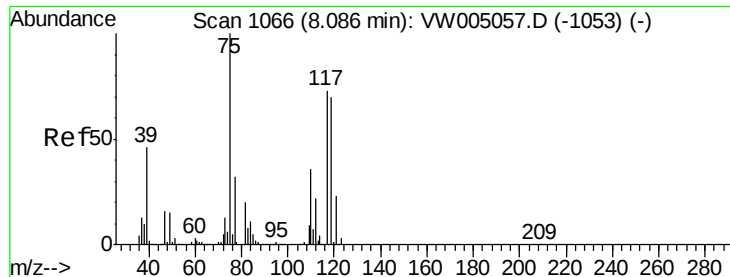


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.039 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW005090.D

Acq: 04 Sep 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-07-10-10.5RE

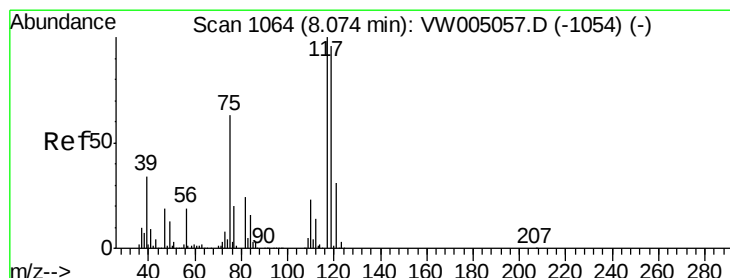
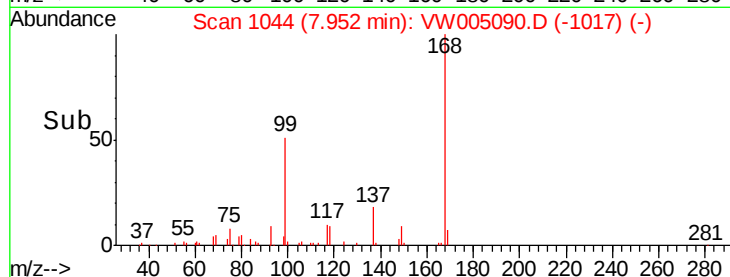
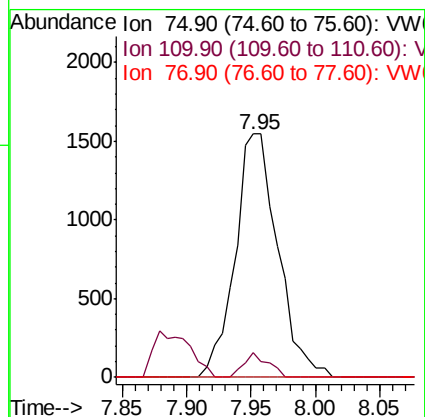
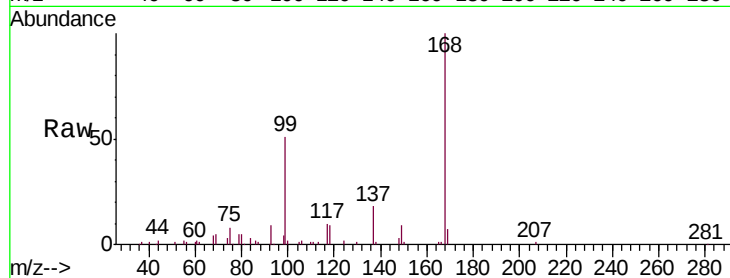
Tgt Ion: 75 Resp: 3555

Ion Ratio Lower Upper

75 100

110 5.7 18.9 56.7#

77 0.0 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 5.203 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005090.D

Acq: 04 Sep 2018 19:48

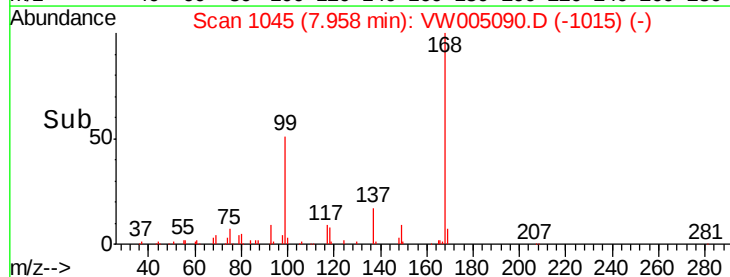
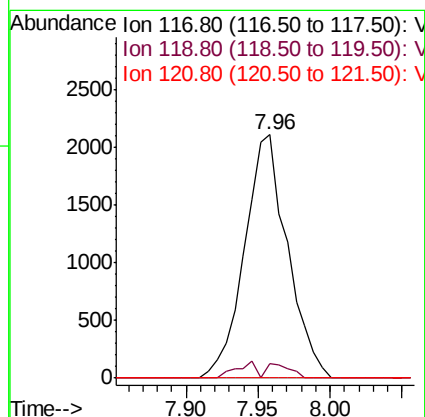
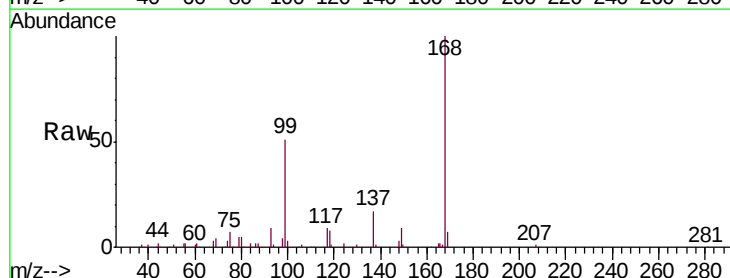
Tgt Ion: 117 Resp: 4354

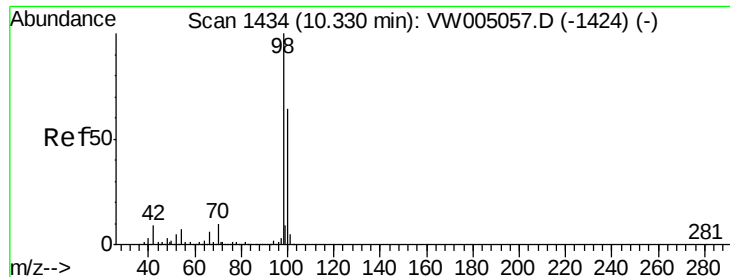
Ion Ratio Lower Upper

117 100

119 6.2 76.6 115.0#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 30.592 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005090.D

Acq: 04 Sep 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

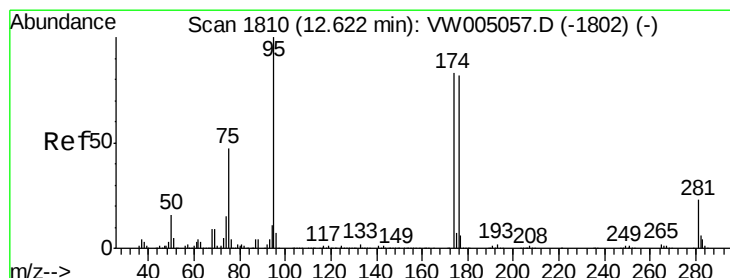
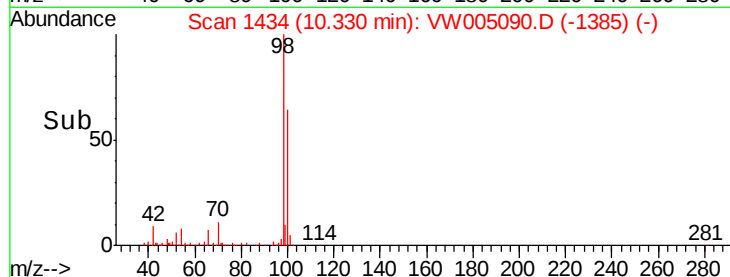
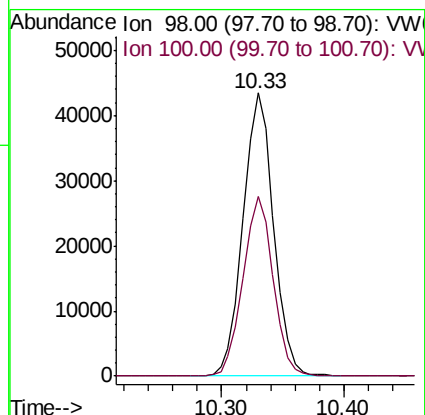
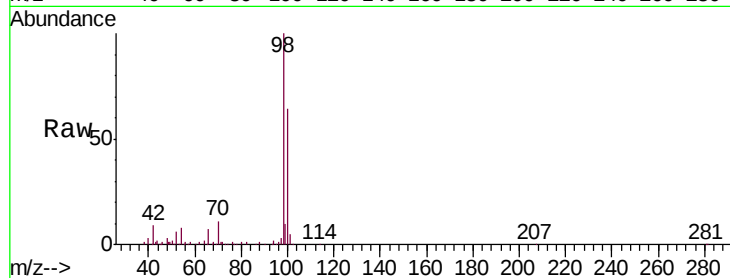
ENY-SB-07-10-10.5RE

Tgt Ion: 98 Resp: 75279

Ion Ratio Lower Upper

98 100

100 62.7 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 29.613 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW005090.D

Acq: 04 Sep 2018 19:48

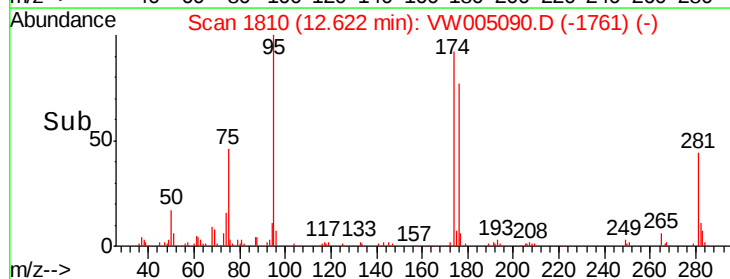
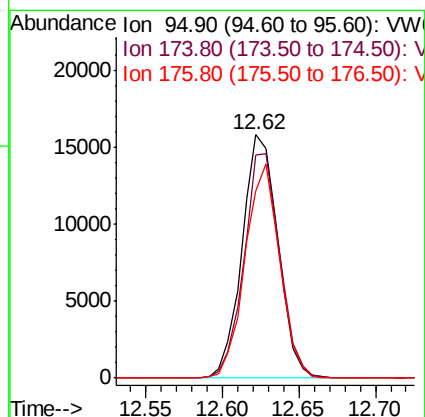
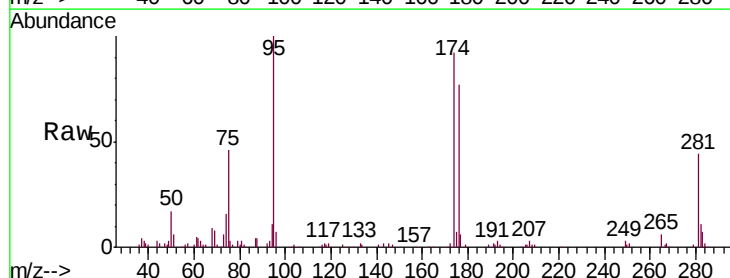
Tgt Ion: 95 Resp: 25695

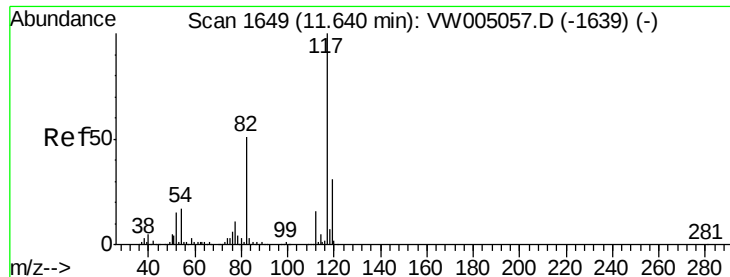
Ion Ratio Lower Upper

95 100

174 92.1 0.0 173.4

176 84.8 0.0 167.4

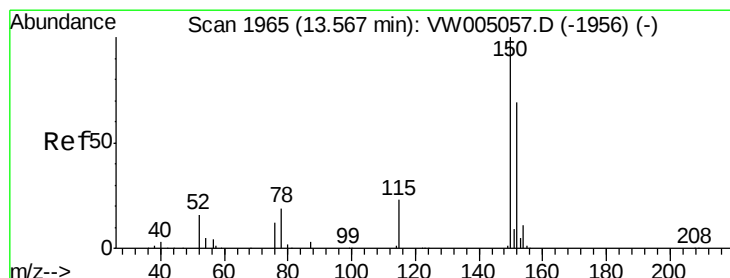
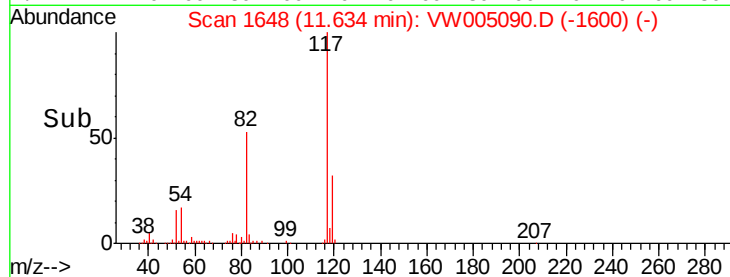
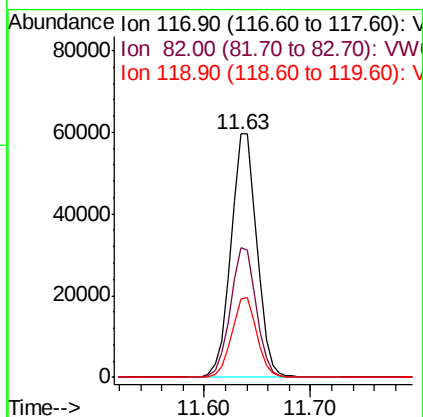
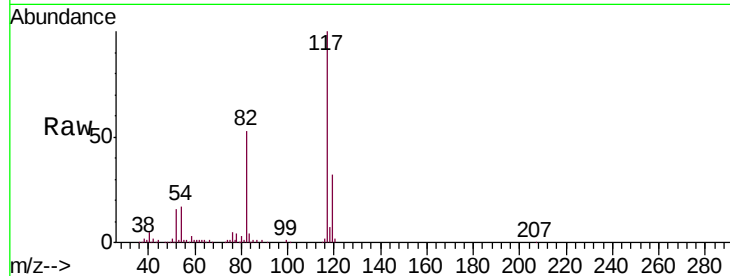




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005090.D
Acq: 04 Sep 2018 19:48

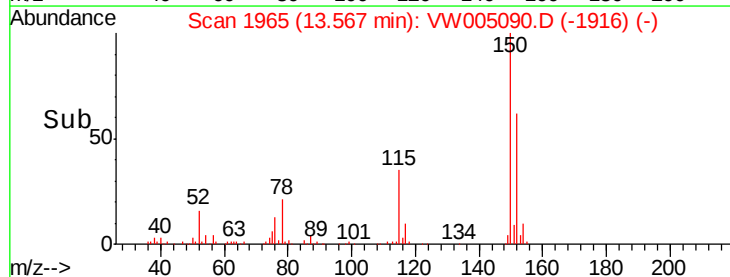
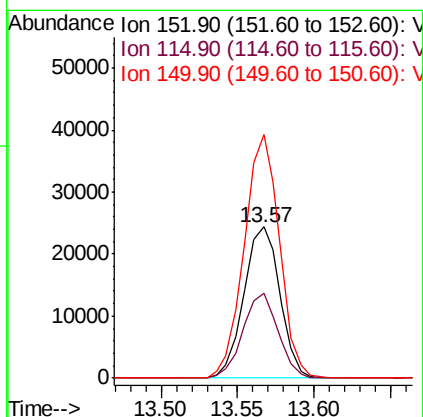
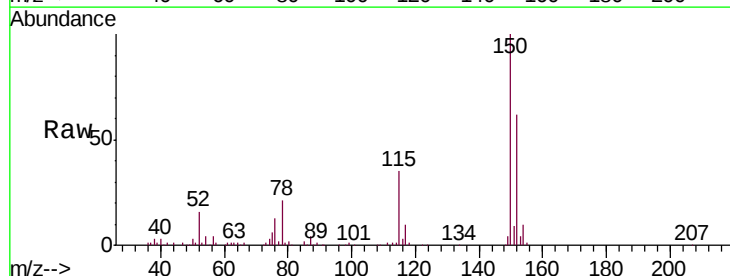
Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-07-10-10.5RE

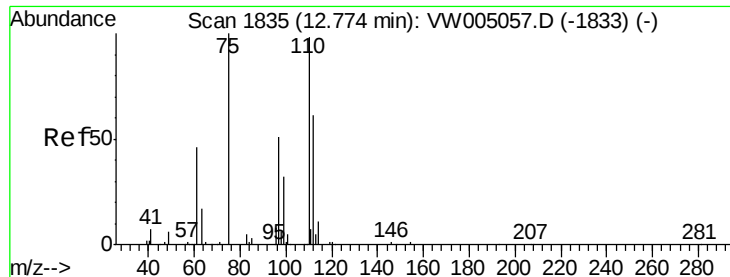
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	40.9	61.3
119	32.5	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005090.D
Acq: 04 Sep 2018 19:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.8	83.4
150	156.8	0.0	351.4





#76

1,2,3-Trichloropropane

Concen: 40.189 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW005090.D

Acq: 04 Sep 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

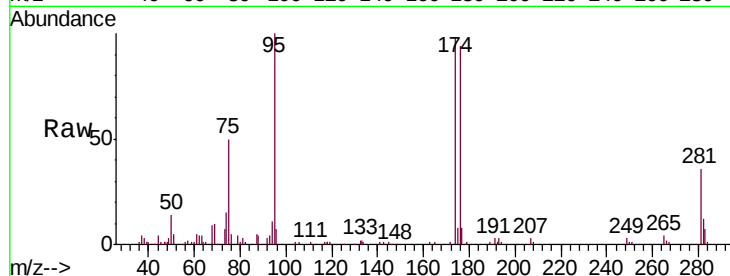
ENY-SB-07-10-10.5RE

Tgt Ion: 75 Resp: 12068

Ion Ratio Lower Upper

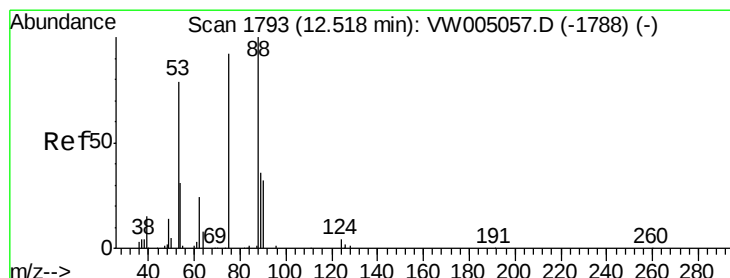
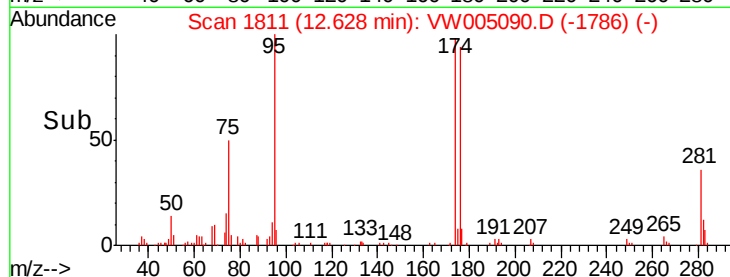
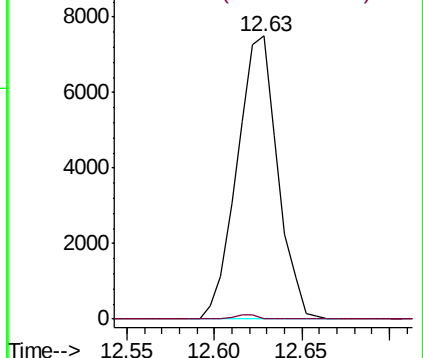
75 100

77 0.8 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: 96.731 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW005090.D

Acq: 04 Sep 2018 19:48

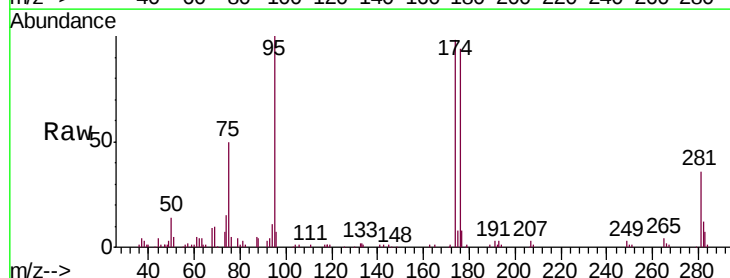
Tgt Ion: 75 Resp: 12068

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

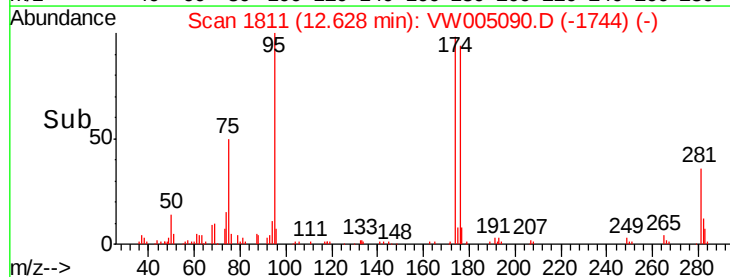
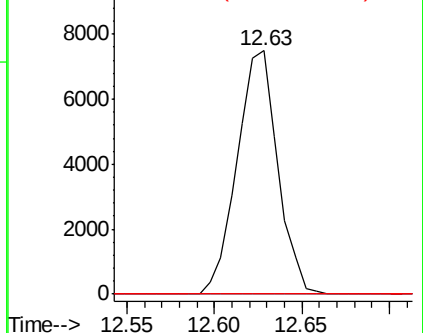
89 0.0 36.0 54.0#

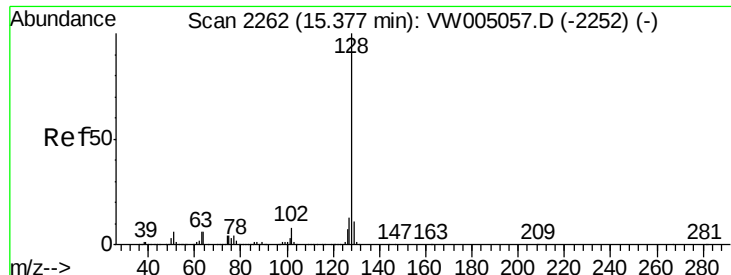


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95
Naphthalene
Concen: 4.299 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VW005090.D
Acq: 04 Sep 2018 19:48

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-07-10-10.5RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	3.6	10.4	15.6#
129	0.0	8.7	13.1#

