

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004594.D
 Acq On : 10 Aug 2018 13:57
 Operator : SY/AP
 Sample : J4310-05RE
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-3RE

Quant Time: Aug 11 01:00:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	515435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	836975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	661380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194985	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	287701	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
35) Dibromofluoromethane	7.88	113	270253	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
50) Toluene-d8	10.33	98	831543	39.08	ug/l	0.00
Spiked Amount			Recovery	=	78.16%	
62) 4-Bromofluorobenzene	12.62	95	195212	25.47	ug/l	0.00
Spiked Amount			Recovery	=	50.94%	

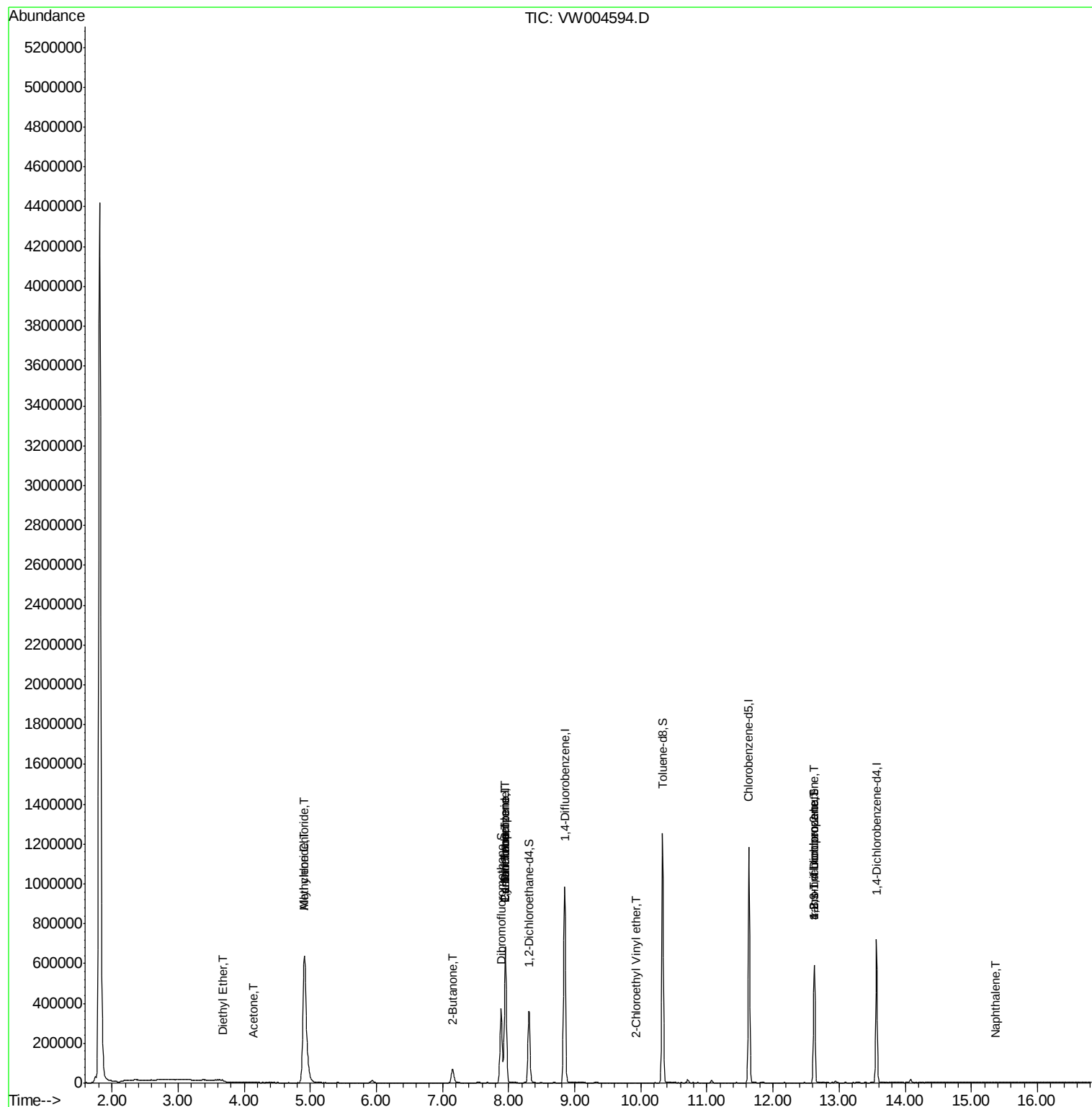
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	4045	1.258	ug/l	58
14) Allyl chloride	4.90	41	19991	2.354	ug/l #	26
16) Acetone	4.14	43	4876	3.422	ug/l #	72
20) Methylene Chloride	4.91	84	605300	94.945	ug/l	99
25) 2-Butanone	7.15	43	4105	1.791	ug/l #	83
31) Cyclohexane	7.95	56	11079	1.037	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	39882	4.426	ug/l #	49
38) Carbon Tetrachloride	7.95	117	49664	6.124	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.93	63	196	9.006	ug/l #	74
76) 1,2,3-Trichloropropane	12.62	75	95186	47.176	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	95186	112.934	ug/l #	13
95) Naphthalene	15.38	128	1083	3.032	ug/l #	81

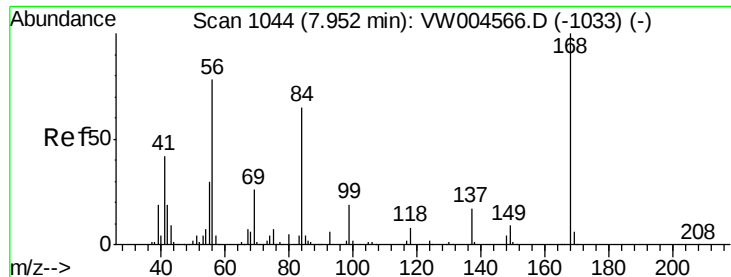
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
Data File : VW004594.D
Acq On : 10 Aug 2018 13:57
Operator : SY/AP
Sample : J4310-05RE
Misc : 5.01G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C-3RE

Quant Time: Aug 11 01:00:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004594.D

Acq: 10 Aug 2018 13:57

Instrument :

MSVOA_W

ClientSampled :

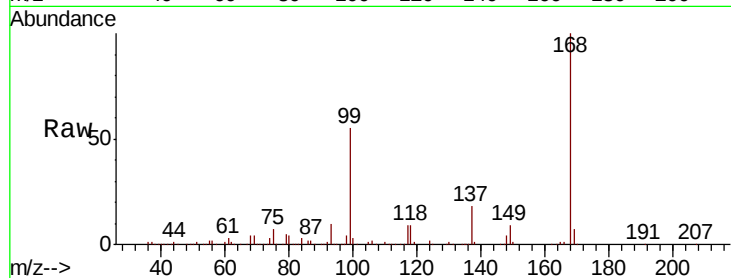
C-3RE

Tgt Ion:168 Resp: 515435

Ion Ratio Lower Upper

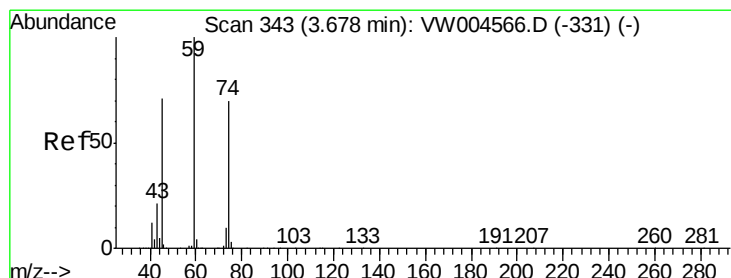
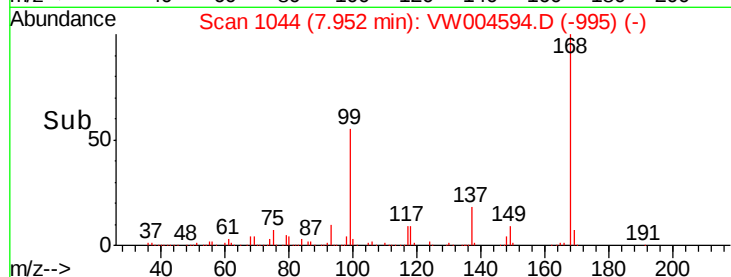
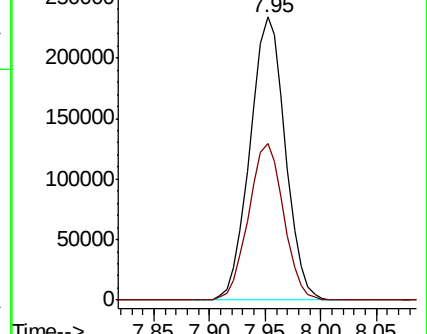
168 100

99 55.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.258 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.01 min

Lab File: VW004594.D

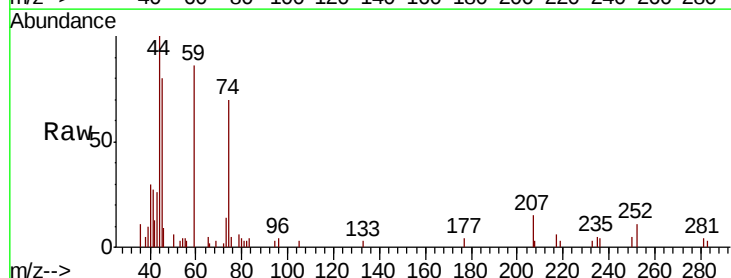
Acq: 10 Aug 2018 13:57

Tgt Ion: 74 Resp: 4045

Ion Ratio Lower Upper

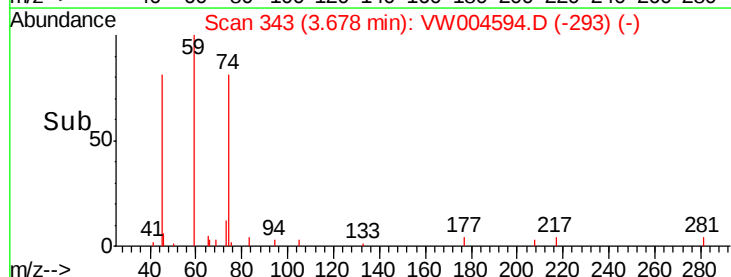
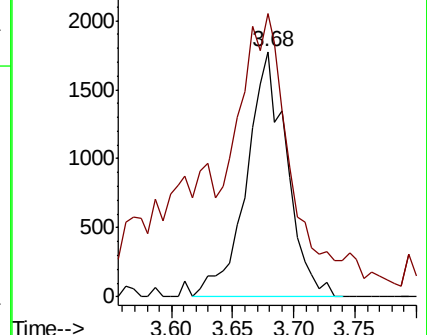
74 100

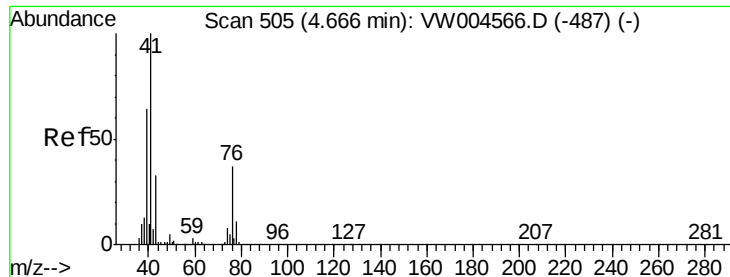
45 145.3 51.2 153.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

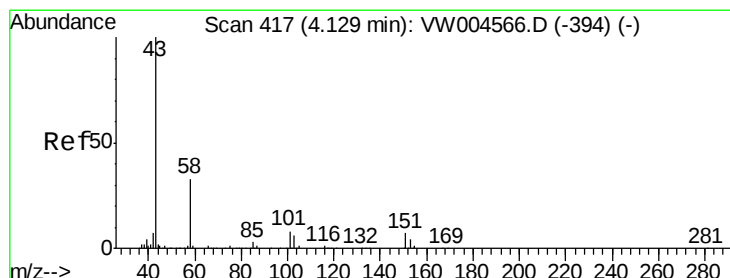
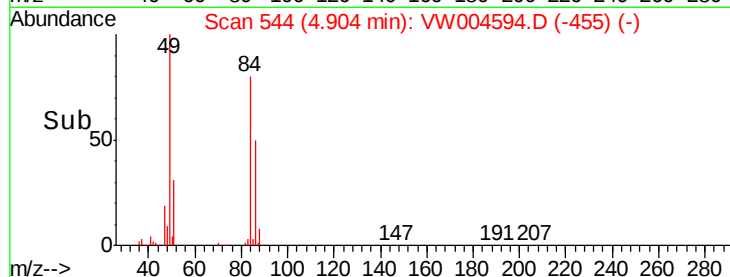
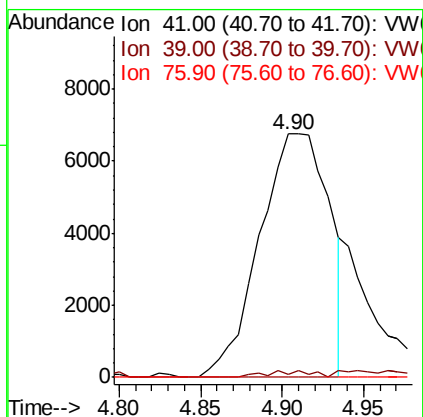
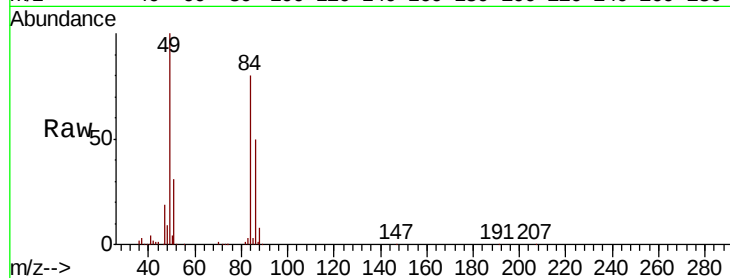




#14
 Allyl chloride
 Concen: 2.354 ug/l
 RT: 4.90 min Scan# 544
 Delta R.T. 0.24 min
 Lab File: VW004594.D
 Acq: 10 Aug 2018 13:57

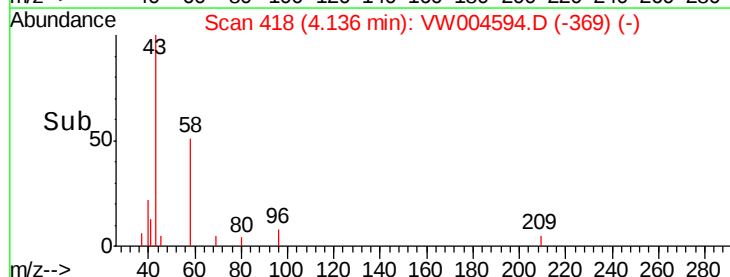
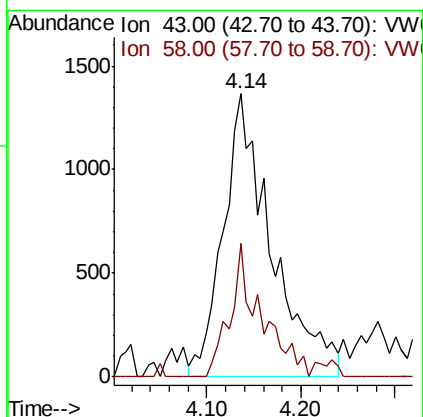
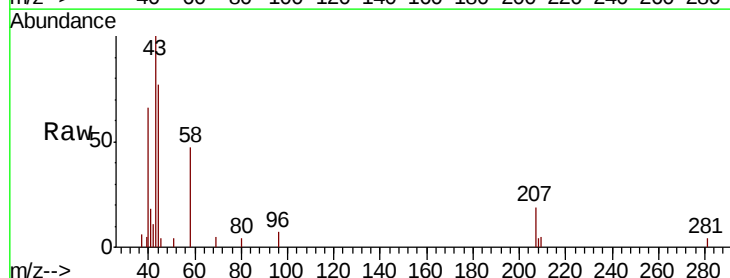
Instrument :
 MSVOA_W
 ClientSampled :
 C-3RE

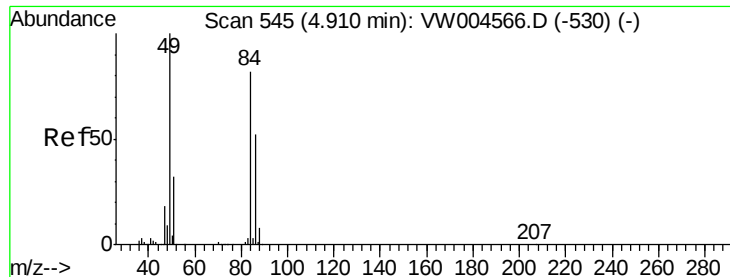
Tgt Ion: 41 Resp: 19991
 Ion Ratio Lower Upper
 41 100
 39 1.0 51.9 77.9#
 76 0.0 29.0 43.6#



#16
 Acetone
 Concen: 3.422 ug/l
 RT: 4.14 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: VW004594.D
 Acq: 10 Aug 2018 13:57

Tgt Ion: 43 Resp: 4876
 Ion Ratio Lower Upper
 43 100
 58 49.2 26.8 40.2#





#20

Methylene Chloride

Concen: 94.945 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004594.D

Acq: 10 Aug 2018 13:57

Instrument :

MSVOA_W

ClientSampled :

C-3RE

Tgt Ion: 84 Resp: 605300

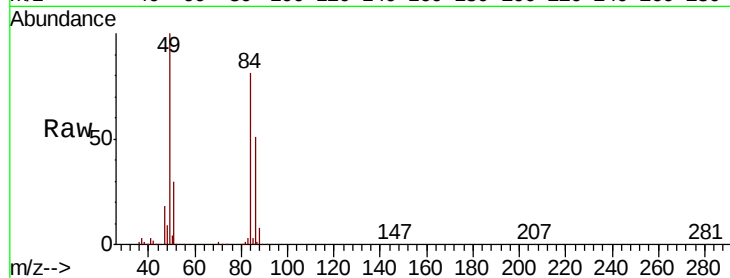
Ion Ratio Lower Upper

84 100

49 124.2 99.6 149.4

51 37.8 31.0 46.4

86 63.5 51.5 77.3



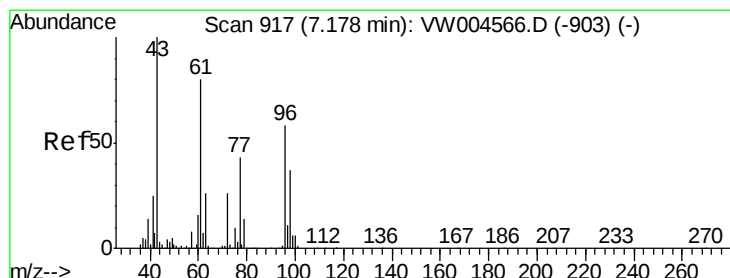
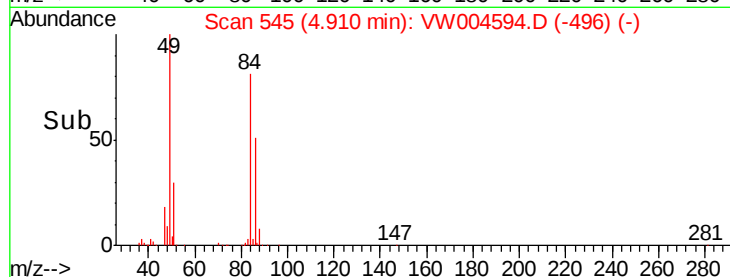
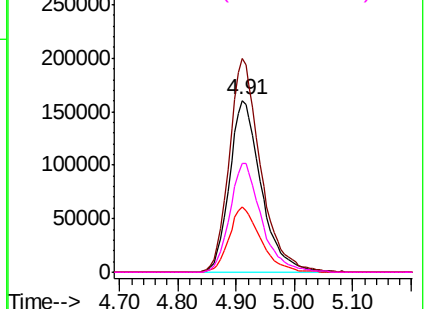
Abundance

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: 1.791 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW004594.D

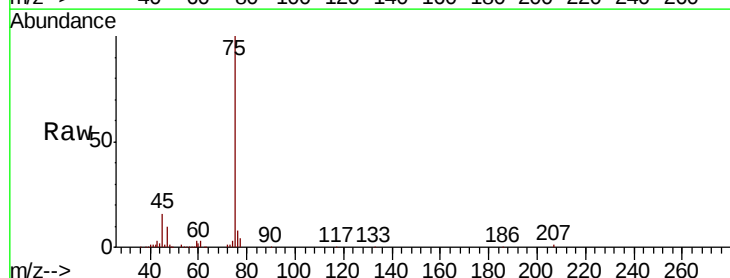
Acq: 10 Aug 2018 13:57

Tgt Ion: 43 Resp: 4105

Ion Ratio Lower Upper

43 100

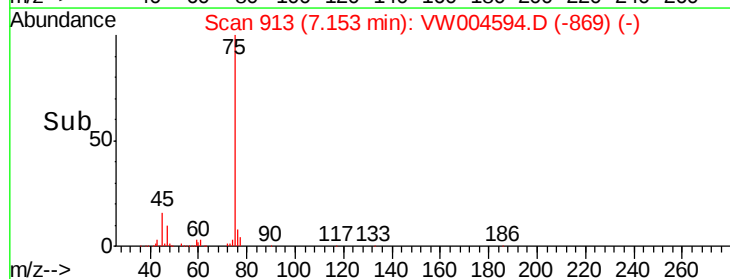
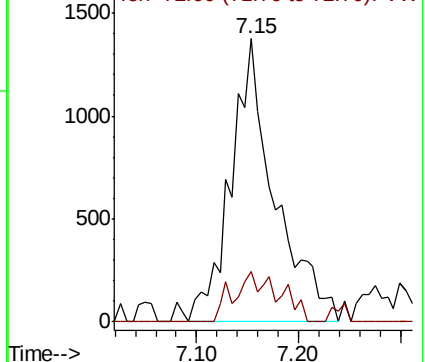
72 17.7 21.0 31.6#

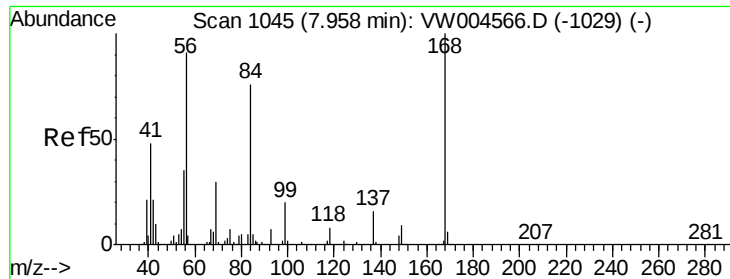


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

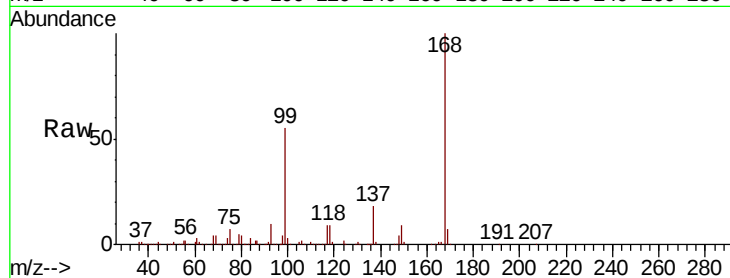




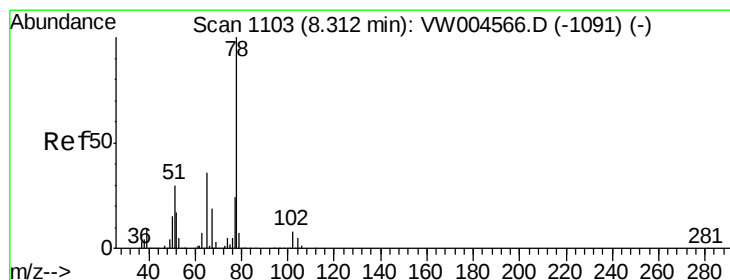
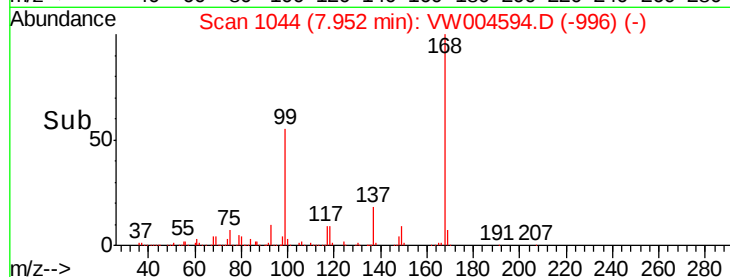
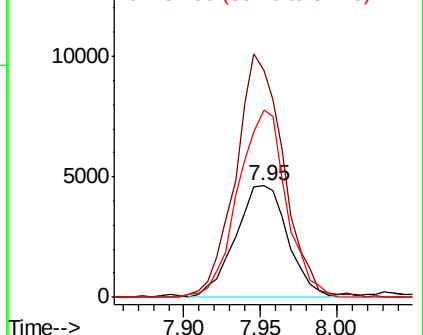
#31
Cyclohexane
Concen: 1.037 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004594.D
Acq: 10 Aug 2018 13:57

Instrument :
MSVOA_W
ClientSampled :
C-3RE

Tgt Ion: 56 Resp: 11079
Ion Ratio Lower Upper
56 100
69 200.6 26.4 39.6#
84 167.6 66.9 100.3#

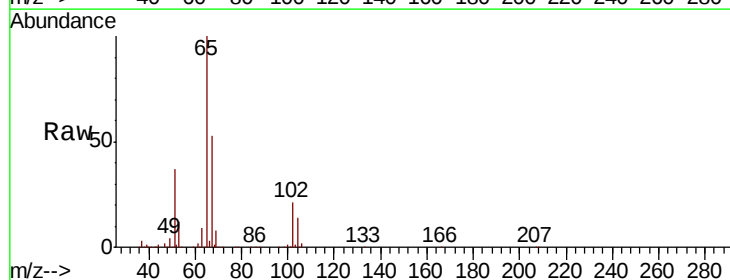


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

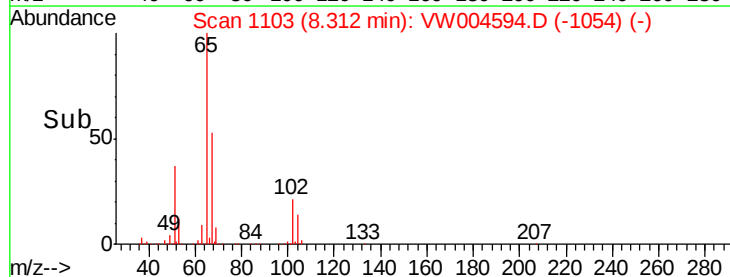
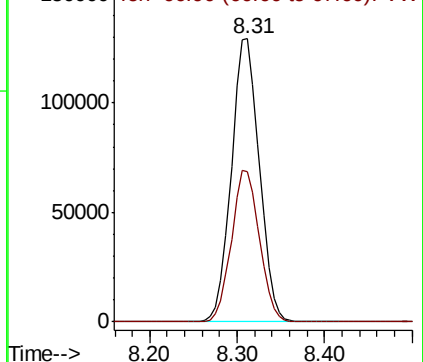


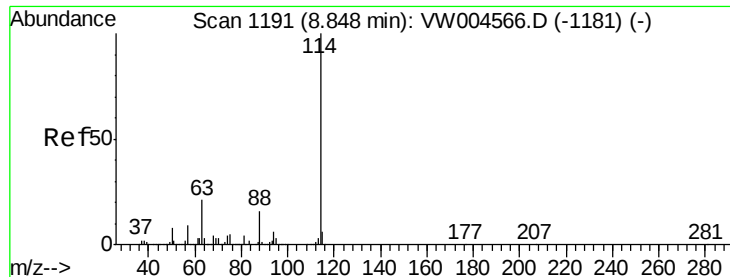
#33
1,2-Dichloroethane-d4
Concen: 50.423 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004594.D
Acq: 10 Aug 2018 13:57

Tgt Ion: 65 Resp: 287701
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0



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

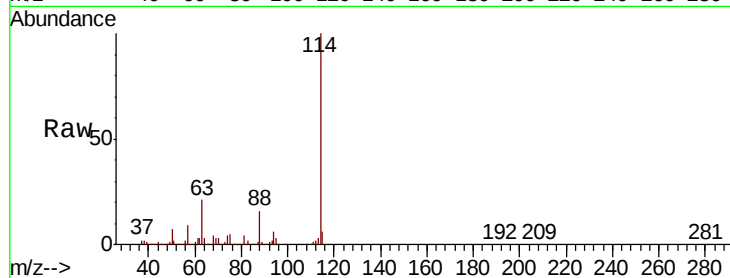




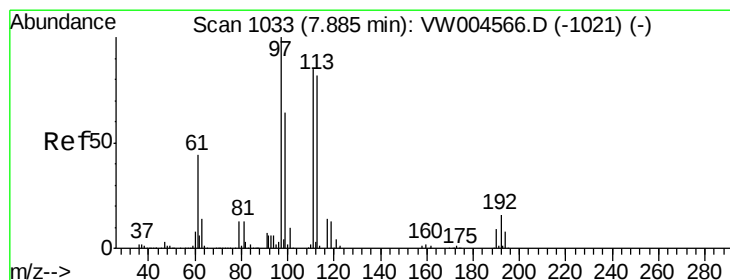
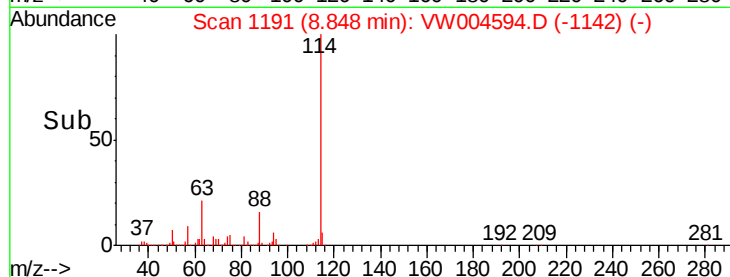
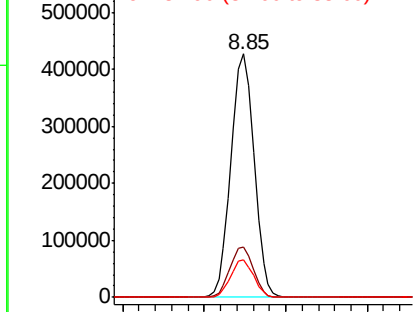
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004594.D
 Acq: 10 Aug 2018 13:57

Instrument :
 MSVOA_W
 ClientSampled :
 C-3RE

Tgt Ion:114 Resp: 836975
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 15.6 0.0 31.2

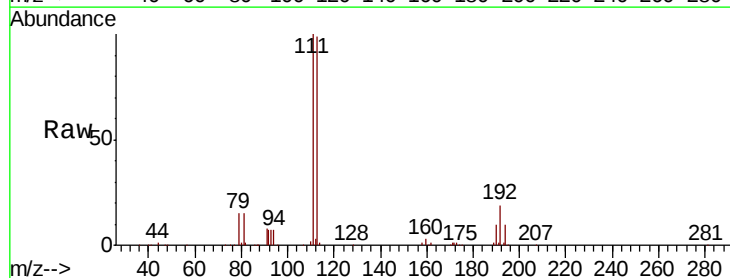


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

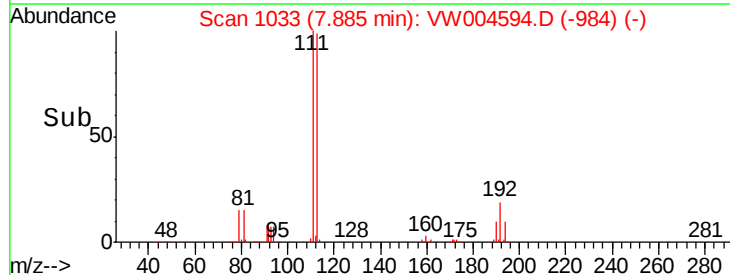
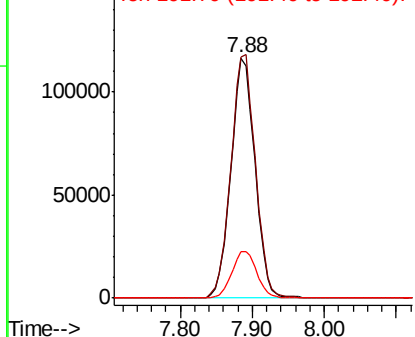


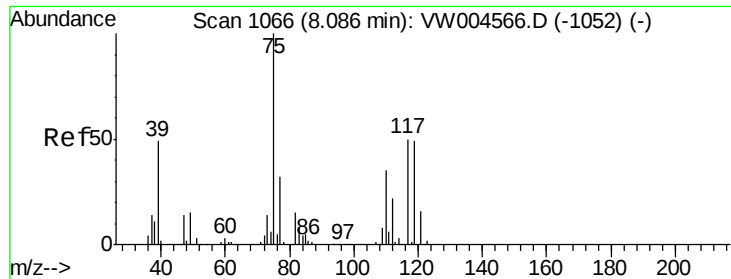
#35
 Dibromofluoromethane
 Concen: 48.426 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004594.D
 Acq: 10 Aug 2018 13:57

Tgt Ion:113 Resp: 270253
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 20.1 15.8 23.6



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

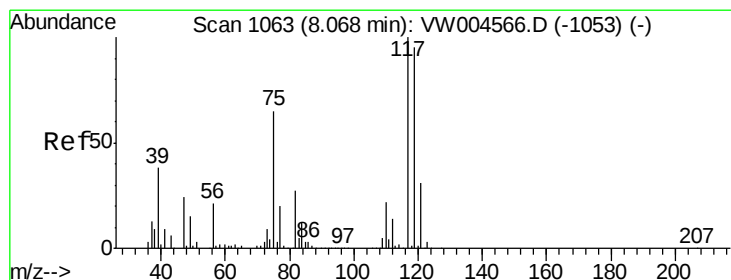
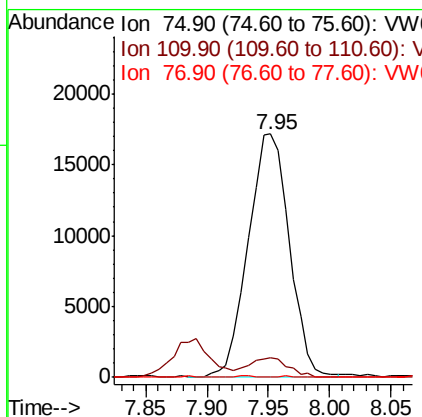
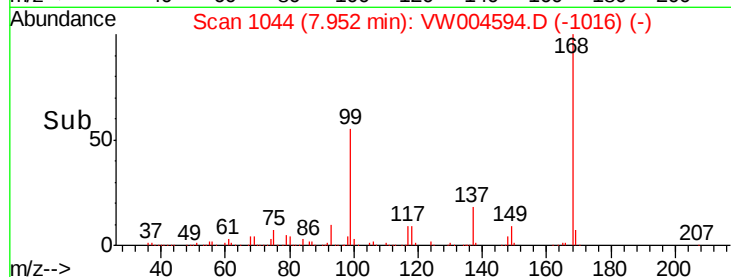
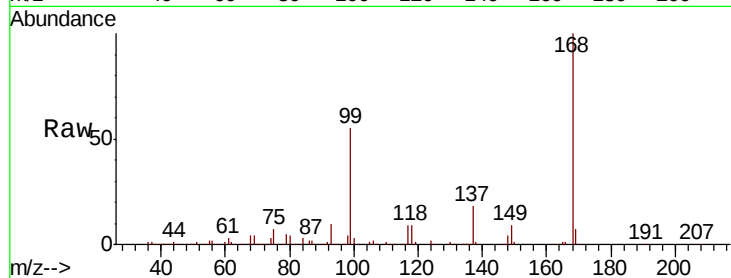




#36
 1,1-Dichloropropene
 Concen: 4.426 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004594.D
 Acq: 10 Aug 2018 13:57

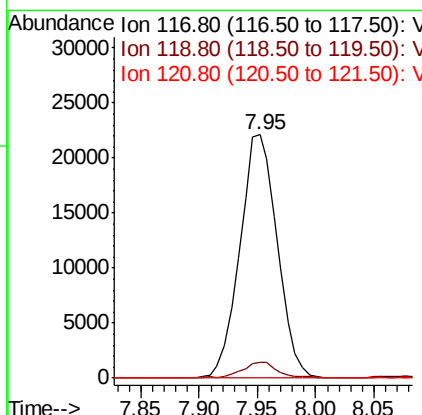
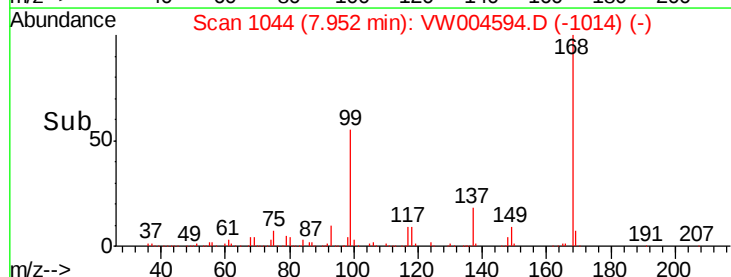
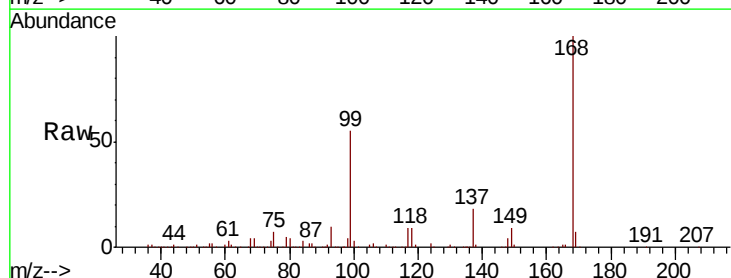
Instrument :
 MSVOA_W
 ClientSampleId :
 C-3RE

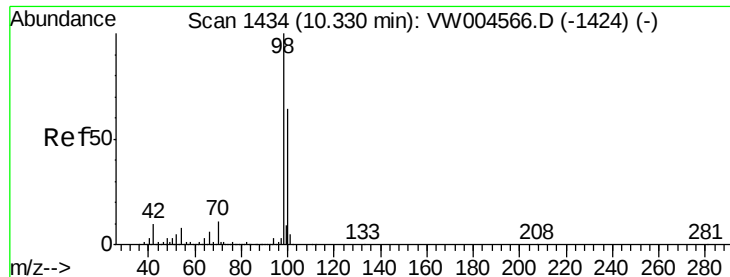
Tgt Ion: 75 Resp: 39882
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.4 52.2#
 77 0.1 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.124 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004594.D
 Acq: 10 Aug 2018 13:57

Tgt Ion: 117 Resp: 49664
 Ion Ratio Lower Upper
 117 100
 119 6.6 76.1 114.1#
 121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 39.084 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004594.D

Acq: 10 Aug 2018 13:57

Instrument :

MSVOA_W

ClientSampled :

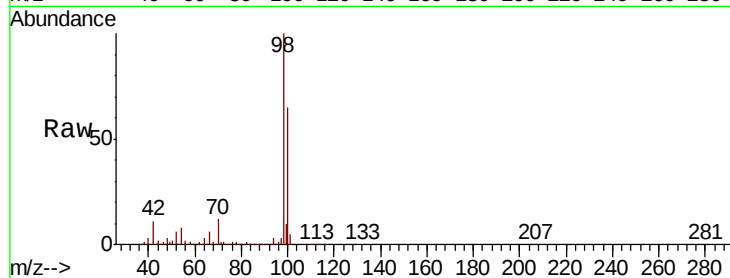
C-3RE

Tgt Ion: 98 Resp: 831543

Ion Ratio Lower Upper

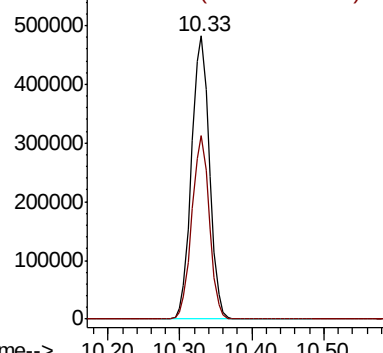
98 100

100 63.4 51.4 77.2

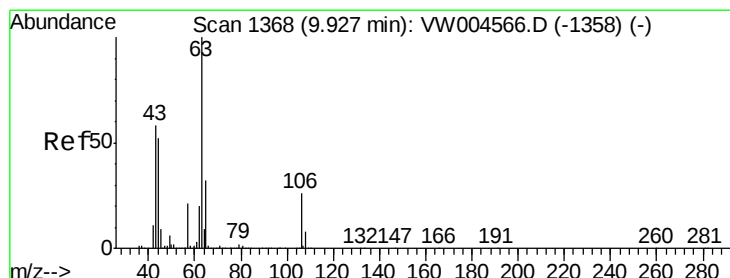
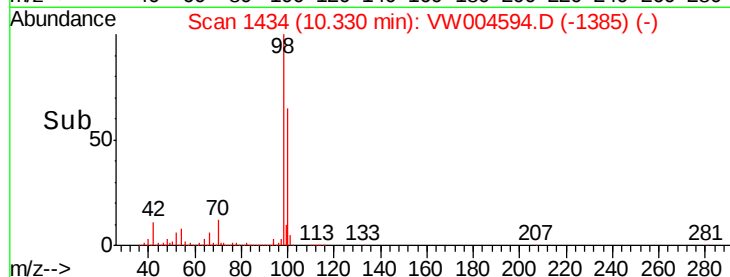


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 9.006 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004594.D

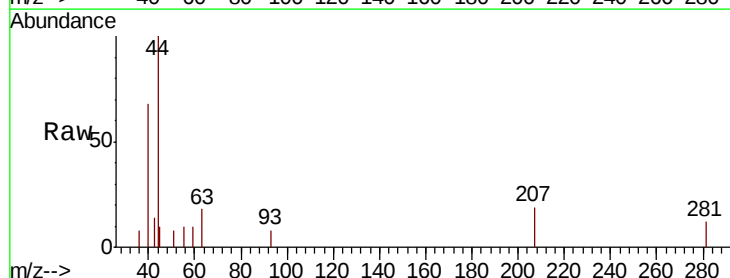
Acq: 10 Aug 2018 13:57

Tgt Ion: 63 Resp: 196

Ion Ratio Lower Upper

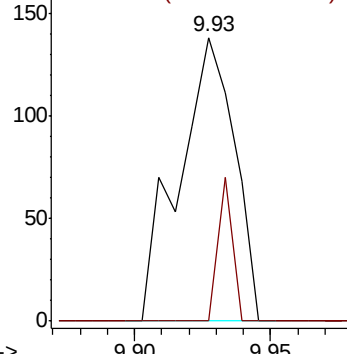
63 100

106 13.3 21.3 31.9#

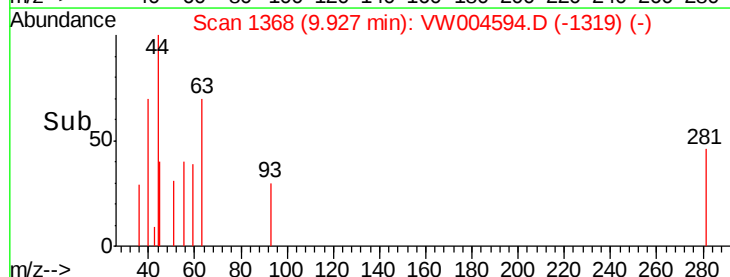


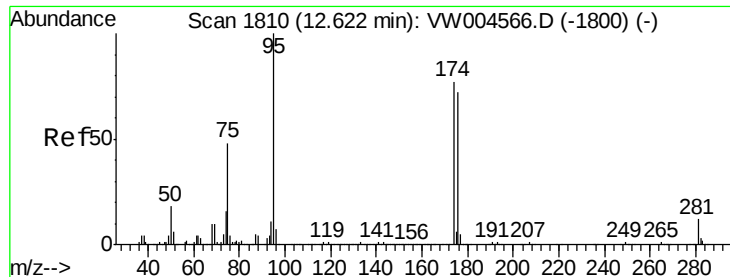
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V



Time-->

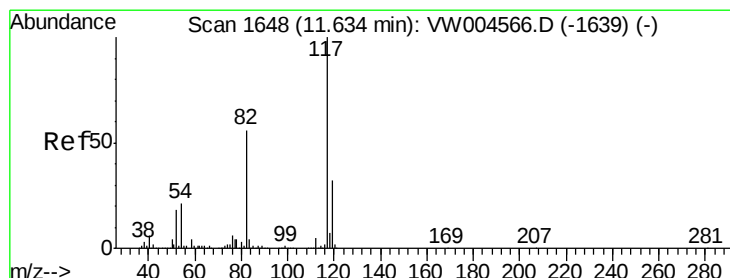
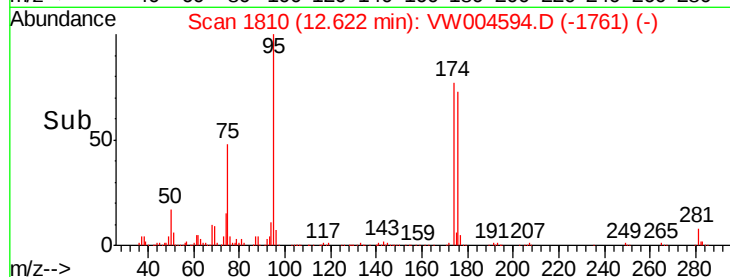
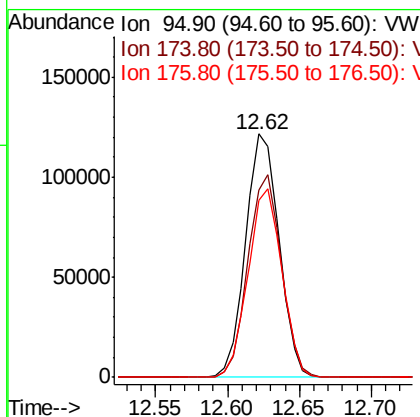
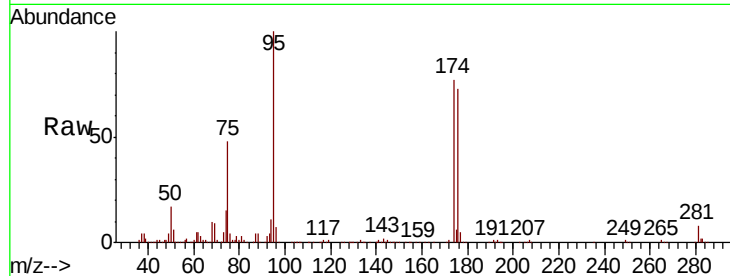




#62
4-Bromofluorobenzene
Concen: 25.472 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004594.D
Acq: 10 Aug 2018 13:57

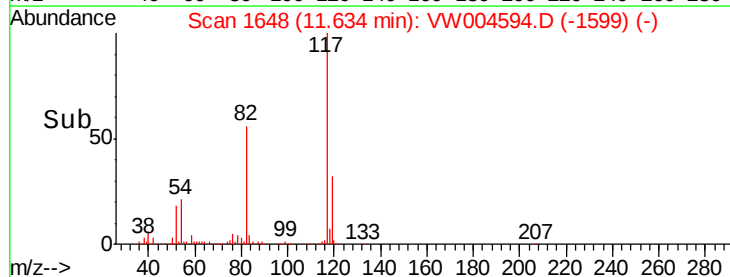
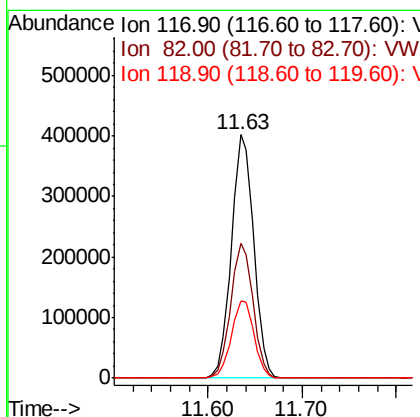
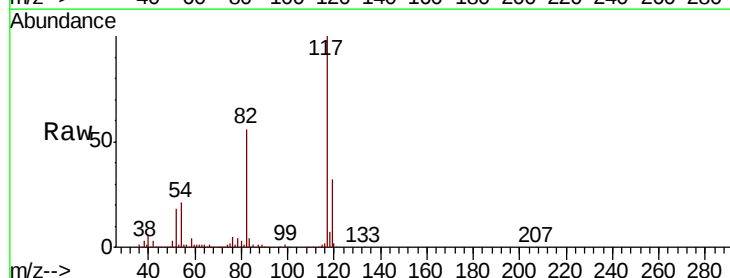
Instrument :
MSVOA_W
ClientSampleId :
C-3RE

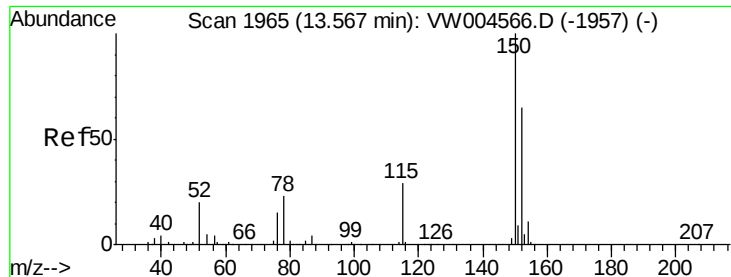
Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	160.4
176	78.5	0.0	153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004594.D
Acq: 10 Aug 2018 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.3	67.9
119	32.0	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004594.D

Acq: 10 Aug 2018 13:57

Instrument :

MSVOA_W

ClientSampled :

C-3RE

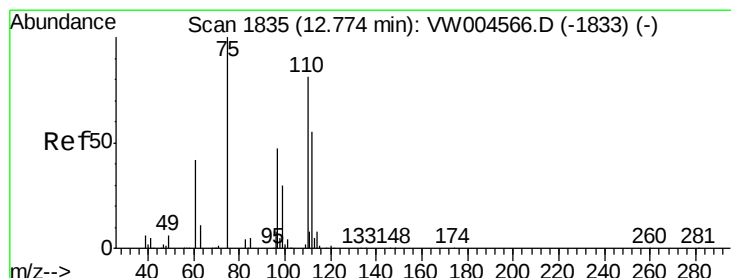
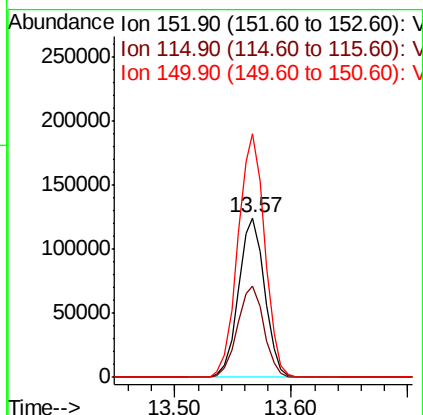
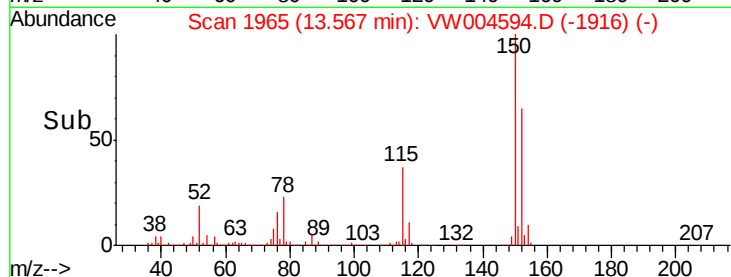
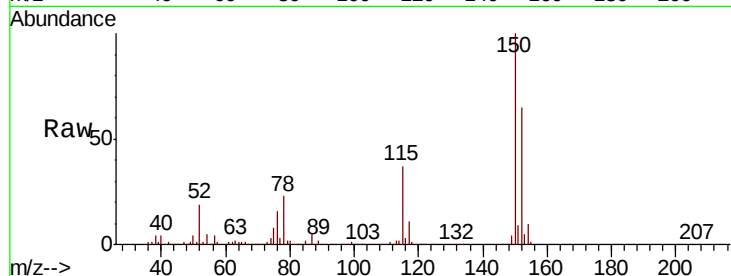
Tgt Ion:152 Resp: 194985

Ion Ratio Lower Upper

152 100

115 58.0 29.1 87.3

150 156.6 0.0 349.6



#76

1,2,3-Trichloropropane

Concen: 47.176 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004594.D

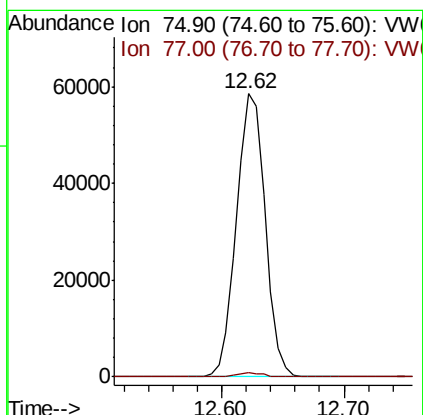
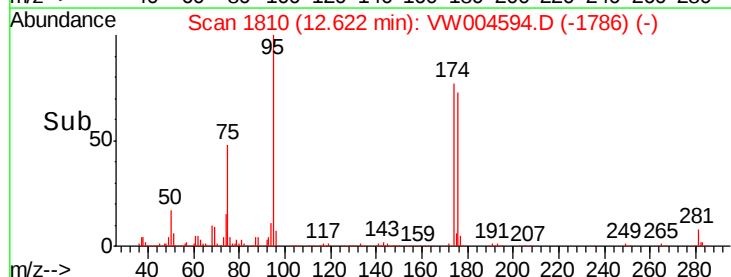
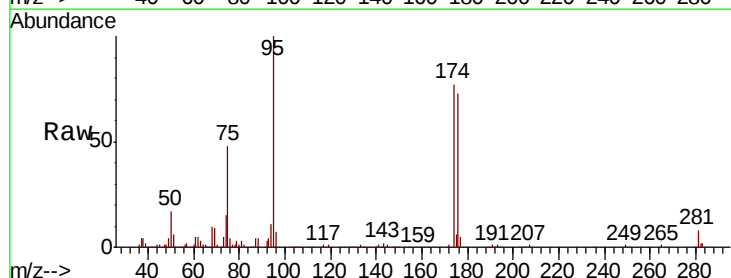
Acq: 10 Aug 2018 13:57

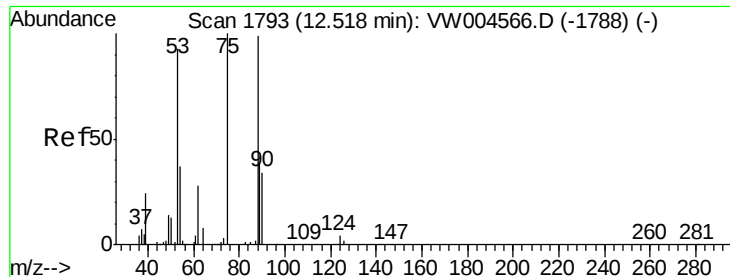
Tgt Ion: 75 Resp: 95186

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

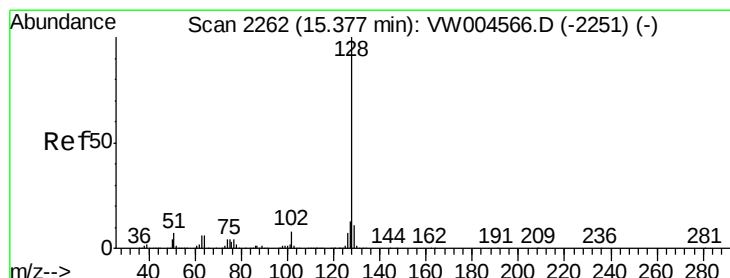
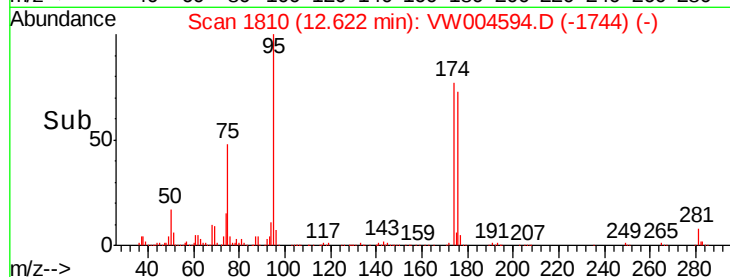
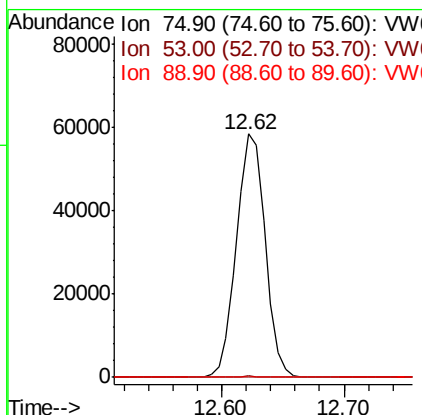
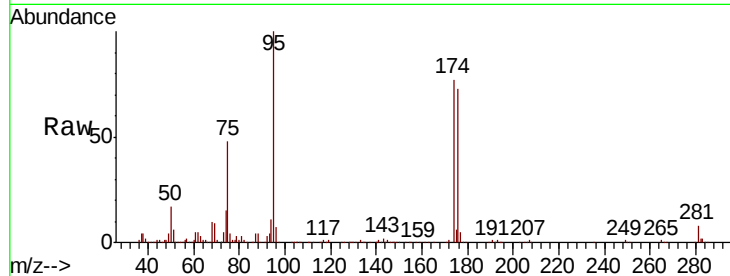




#81
trans-1,4-Dichloro-2-butene
Concen: 112.934 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004594.D
Acq: 10 Aug 2018 13:57

Instrument :
MSVOA_W
ClientSampleId :
C-3RE

Tgt Ion: 75 Resp: 95186
Ion Ratio Lower Upper
75 100
53 0.4 74.4 111.6#
89 0.2 35.9 53.9#



#95
Naphthalene
Concen: 3.032 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004594.D
Acq: 10 Aug 2018 13:57

Tgt Ion: 128 Resp: 1083
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 11.8 8.6 13.0

