

Data File : VW004839.D
Acq On : 21 Aug 2018 14:19
Operator : SY/AP
Sample : J4538-03RE
Misc : 15.41G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSS3RE

Quant Time: Aug 22 05:17:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	470923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	769546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	686107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	251745	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	308669	67.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.60%	
35) Dibromofluoromethane	7.89	113	286481	58.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.50%	
50) Toluene-d8	10.33	98	934266	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.63	95	265907	38.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.00%	

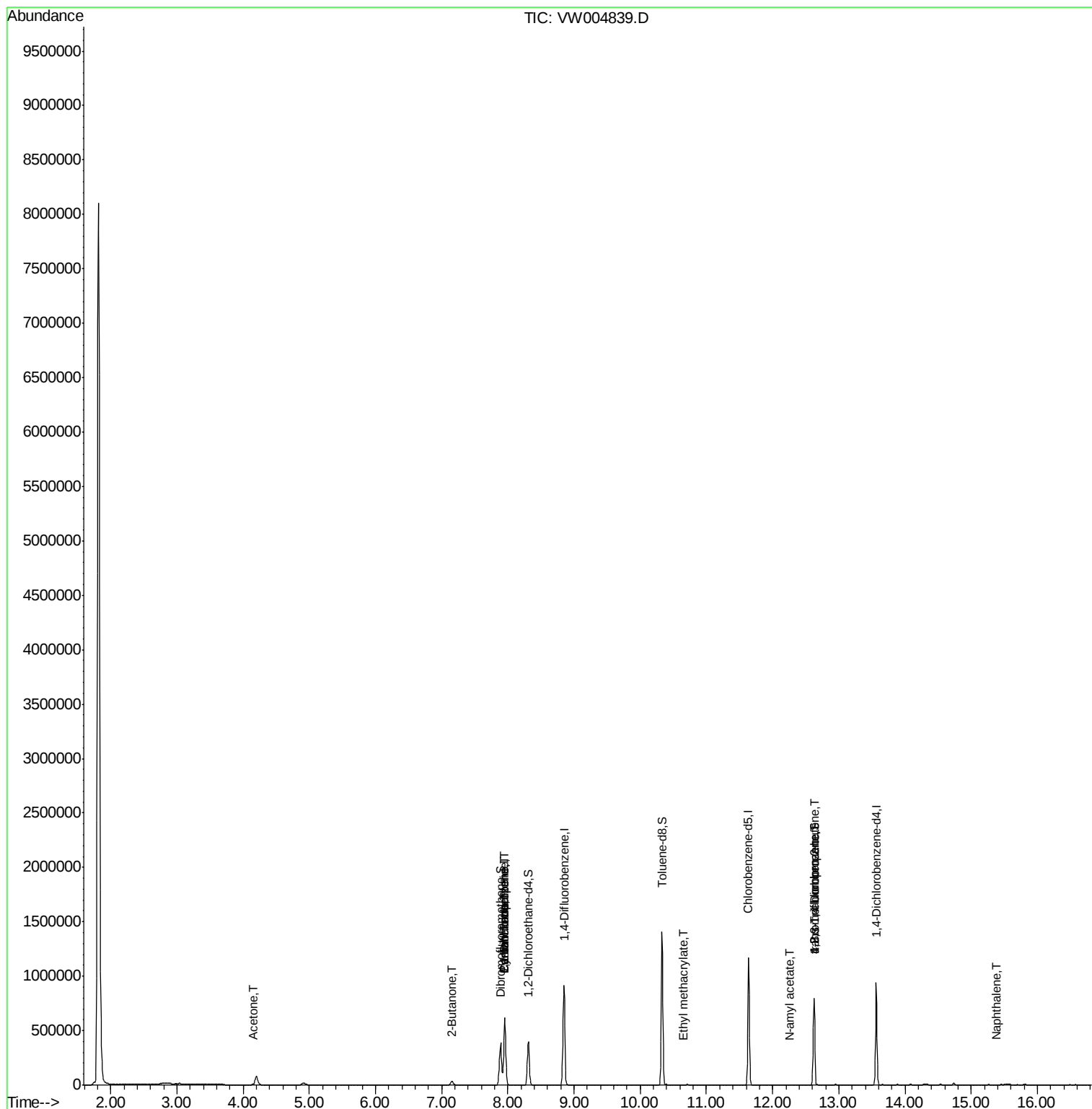
Target Compounds				Qvalue		
16) Acetone	4.15	43	6918	5.952	ug/l	95
20) Methylene Chloride	4.91	84	16913	Below Cal		95
25) 2-Butanone	7.16	43	2616	1.580	ug/l #	73
31) Cyclohexane	7.95	56	9333	1.049	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	34749	4.383	ug/l #	48
38) Carbon Tetrachloride	7.95	117	42751	5.858	ug/l #	17
56) Ethyl methacrylate	10.65	69	22	2.984	ug/l #	1
74) N-amyl acetate	12.26	43	199	4.065	ug/l #	47
76) 1,2,3-Trichloropropane	12.63	75	125983	56.770	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	125983	131.949	ug/l #	14
95) Naphthalene	15.38	128	890	3.587	ug/l #	86

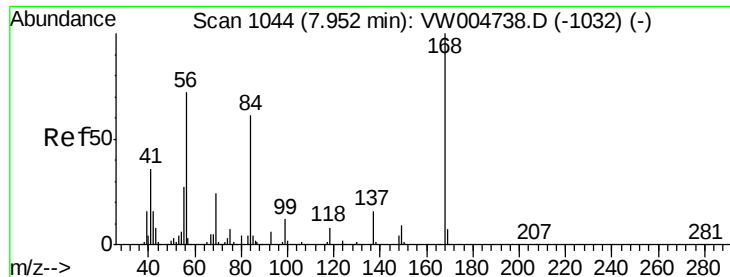
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004839.D

Acq: 21 Aug 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

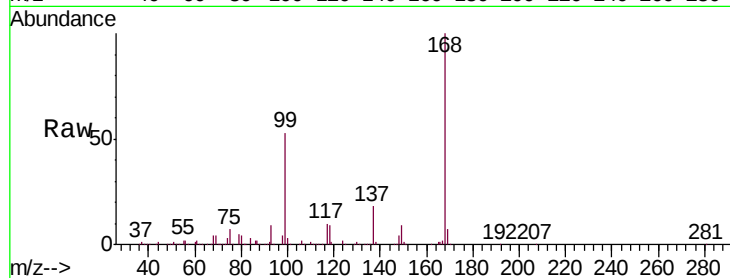
VSS3RE

Tgt Ion:168 Resp: 470923

Ion Ratio Lower Upper

168 100

99 53.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

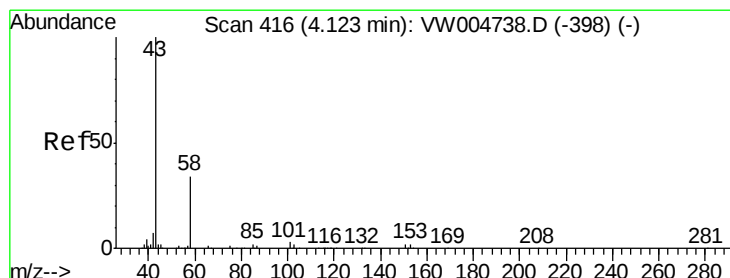
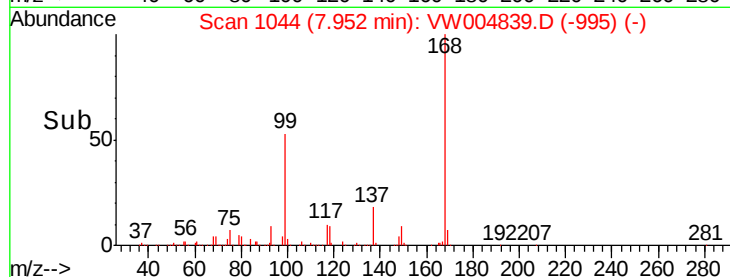
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.952 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.02 min

Lab File: VW004839.D

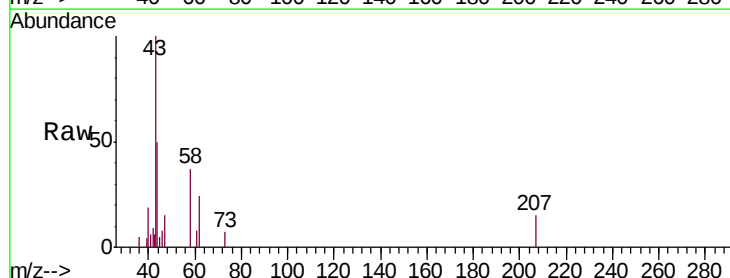
Acq: 21 Aug 2018 14:19

Tgt Ion: 43 Resp: 6918

Ion Ratio Lower Upper

43 100

58 37.1 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

2000

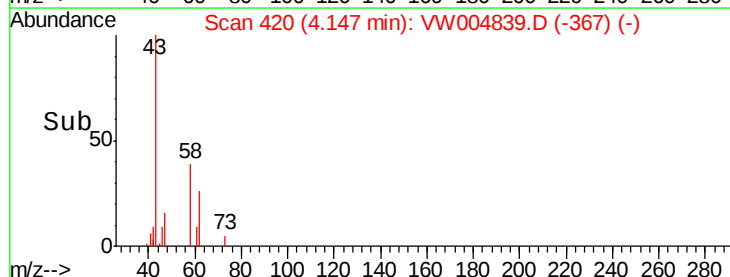
1500

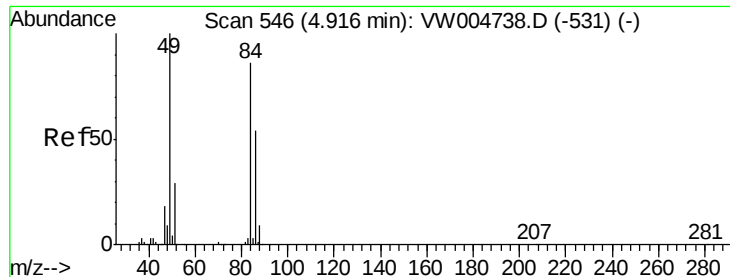
1000

500

0

Time-->

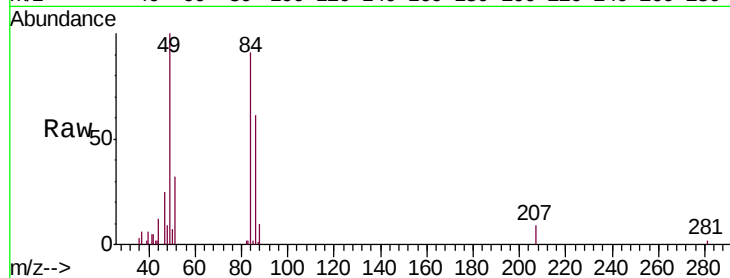




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004839.D
Acq: 21 Aug 2018 14:19

Instrument :
MSVOA_W
ClientSampled :
VSS3RE

Tgt Ion:	84	Resp:	16913
Ion	Ratio	Lower	Upper
84	100		
49	109.4	93.2	139.8
51	35.5	27.4	41.0
86	66.4	50.6	75.8



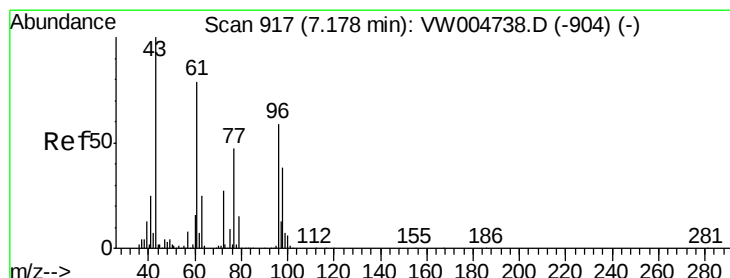
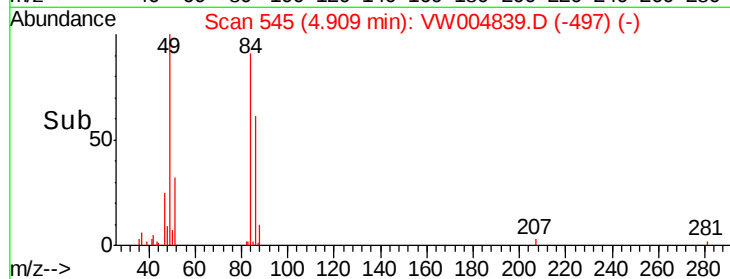
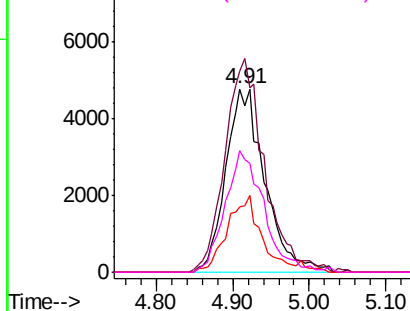
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

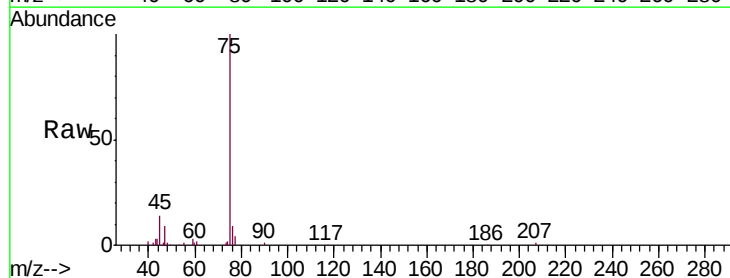
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 1.580 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW004839.D
Acq: 21 Aug 2018 14:19

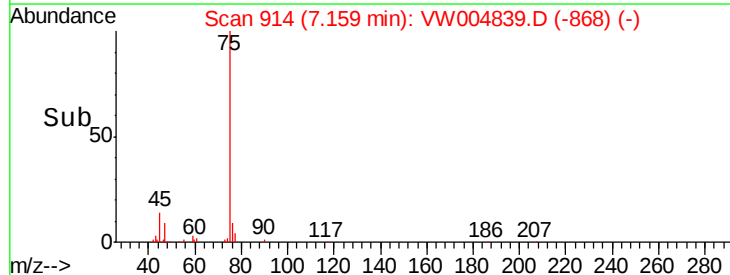
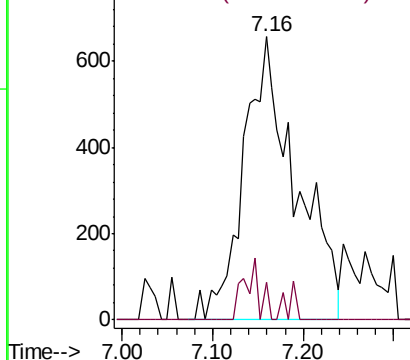
Tgt Ion:	43	Resp:	2616
Ion	Ratio	Lower	Upper
43	100		
72	13.4	22.0	33.0#

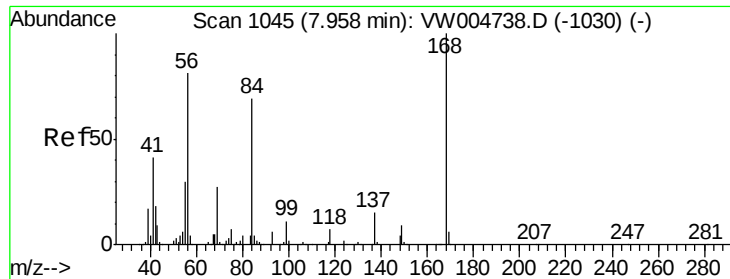


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

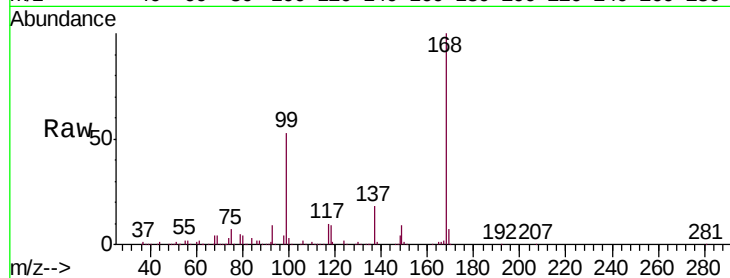




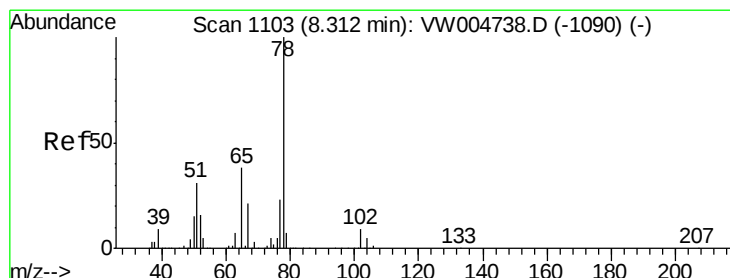
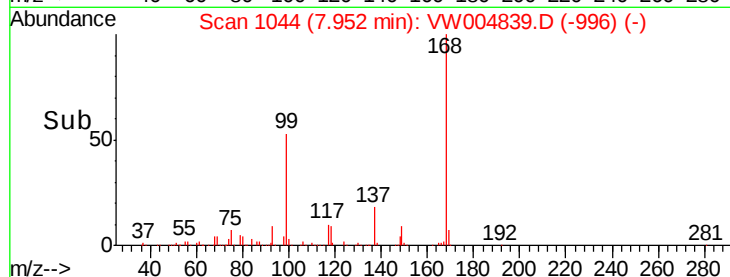
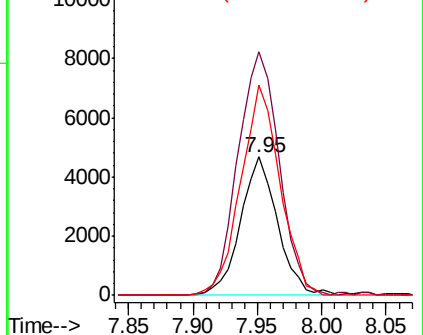
#31
Cyclohexane
Concen: 1.049 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004839.D
Acq: 21 Aug 2018 14:19

Instrument :
MSVOA_W
ClientSampled :
VSS3RE

Tgt Ion: 56 Resp: 9333
Ion Ratio Lower Upper
56 100
69 175.9 27.1 40.7#
84 152.4 68.3 102.5#

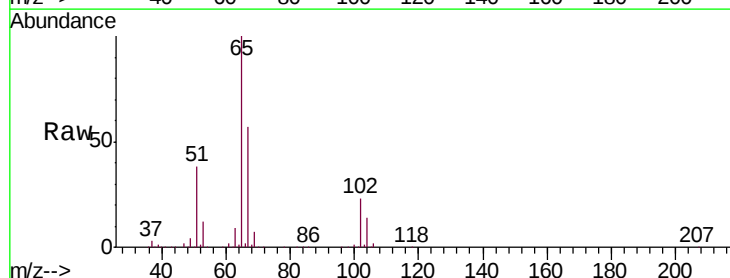


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

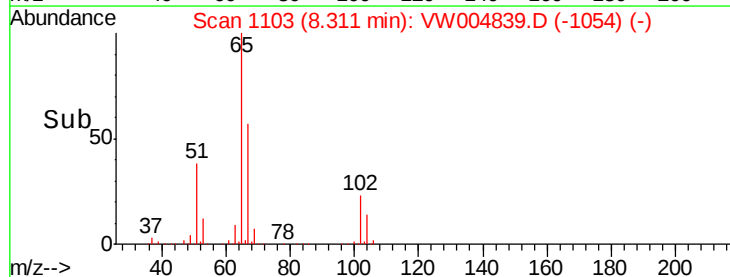
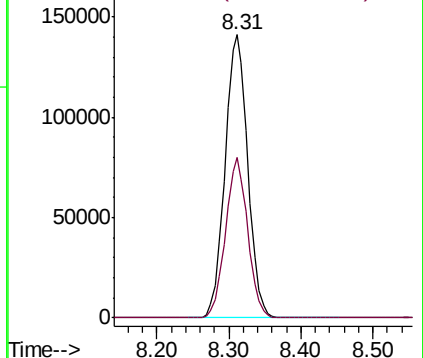


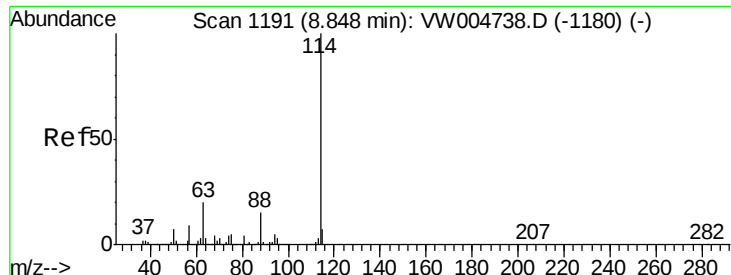
#33
1,2-Dichloroethane-d4
Concen: 67.796 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004839.D
Acq: 21 Aug 2018 14:19

Tgt Ion: 65 Resp: 308669
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.4



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

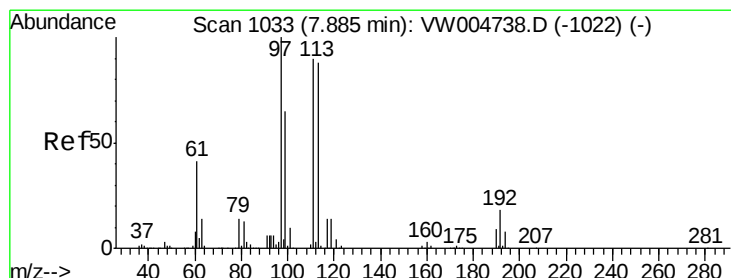
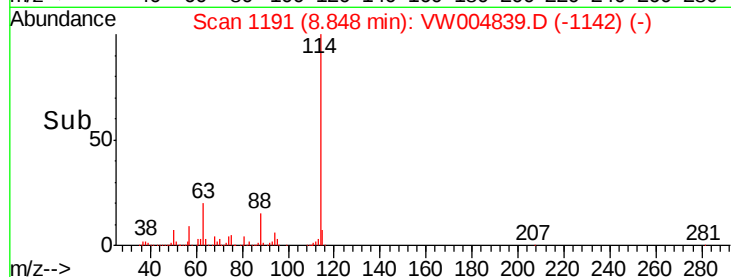
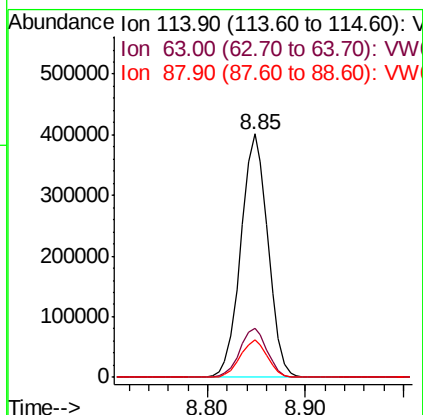
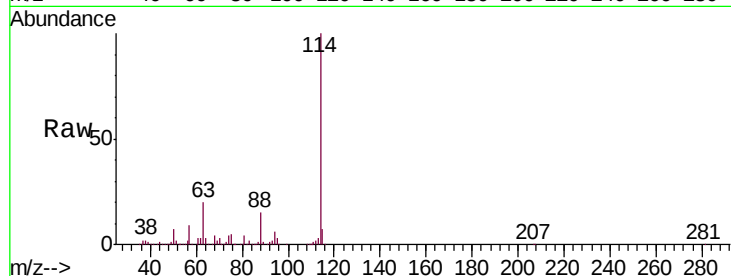




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW004839.D
Acq: 21 Aug 2018 14:19

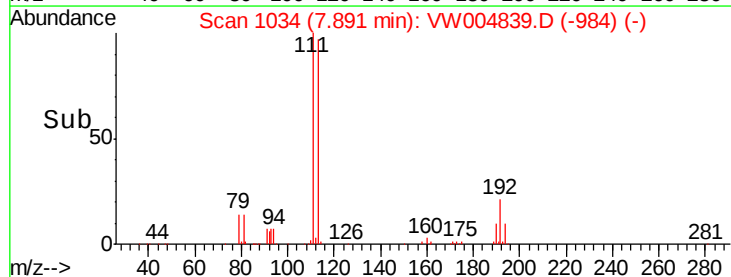
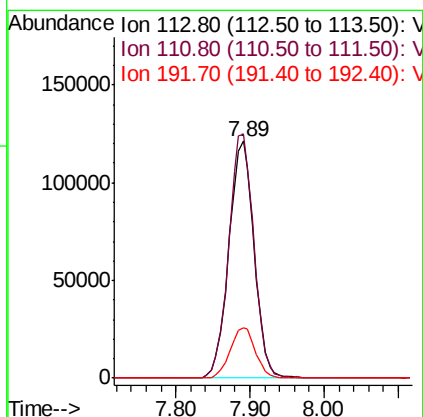
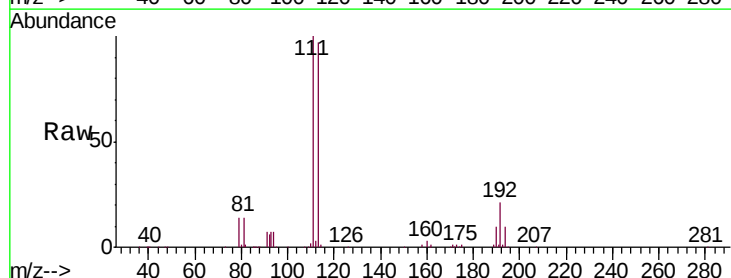
Instrument :
MSVOA_W
ClientSampleId :
VSS3RE

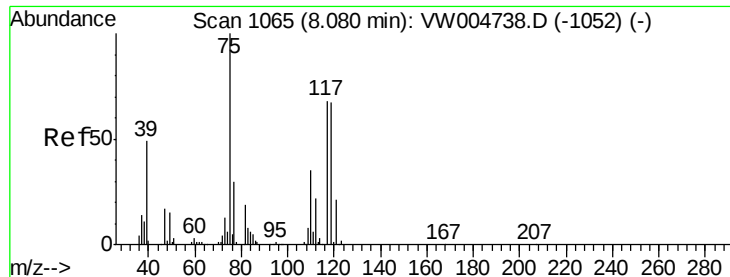
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.0
88	15.5	0.0	30.0



#35
Dibromofluoromethane
Concen: 58.246 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW004839.D
Acq: 21 Aug 2018 14:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	21.4	16.7	25.1





#36

1,1-Dichloropropene

Concen: 4.383 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004839.D

Acq: 21 Aug 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

VSS3RE

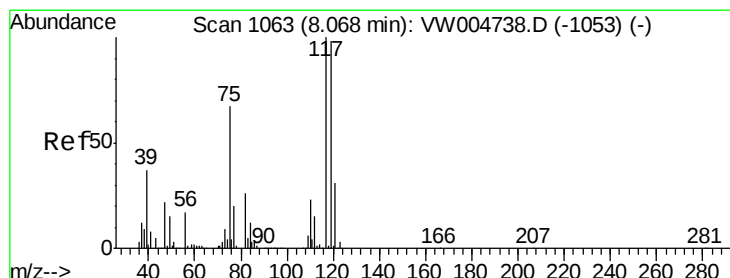
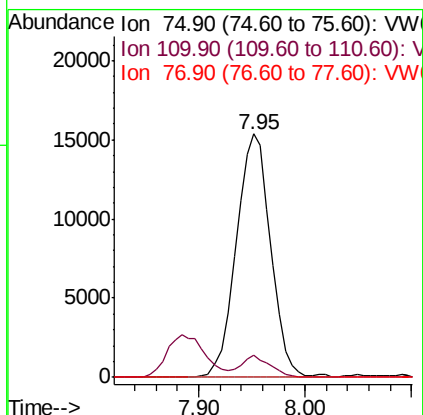
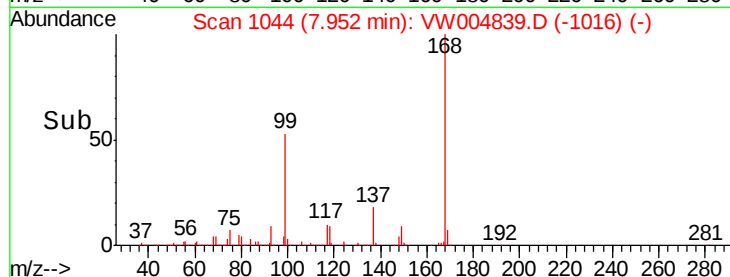
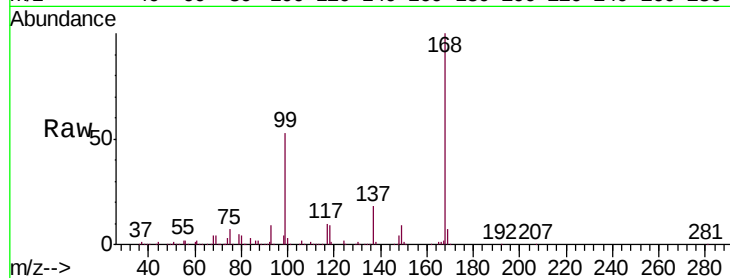
Tgt Ion: 75 Resp: 34749

Ion Ratio Lower Upper

75 100

110 7.6 17.8 53.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.858 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004839.D

Acq: 21 Aug 2018 14:19

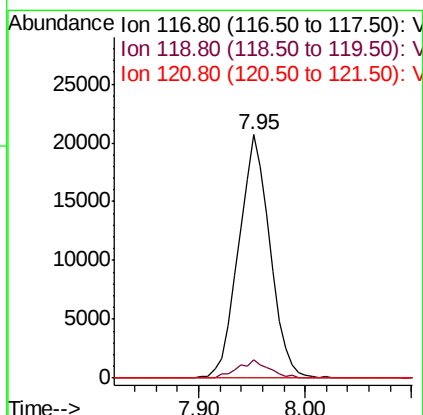
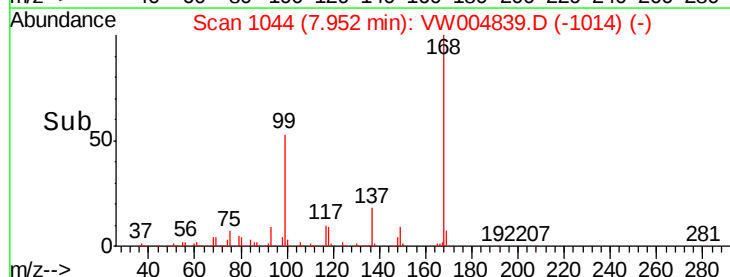
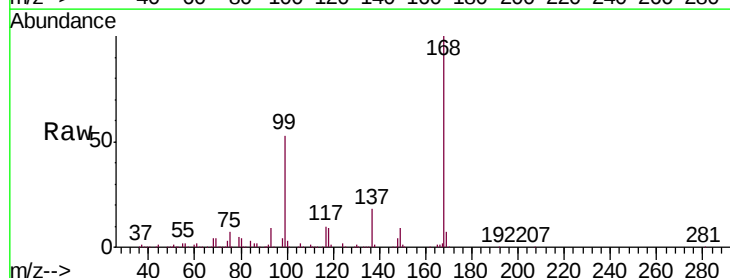
Tgt Ion: 117 Resp: 42751

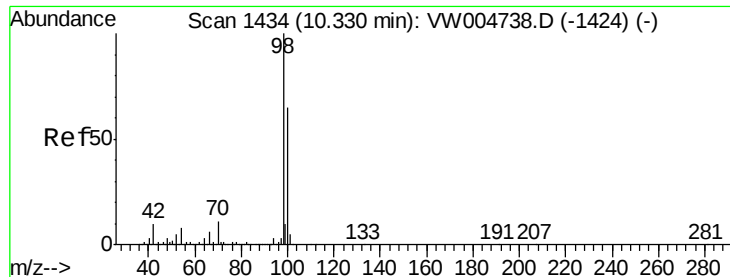
Ion Ratio Lower Upper

117 100

119 7.5 78.0 117.0#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.661 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004839.D

Acq: 21 Aug 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

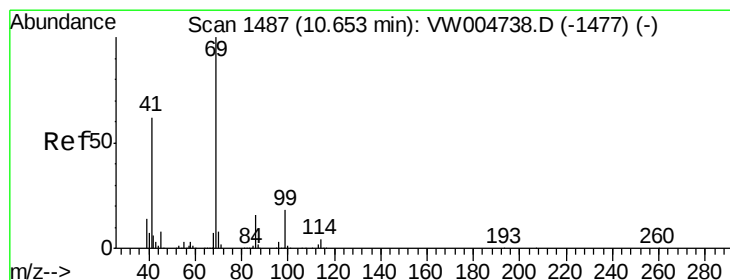
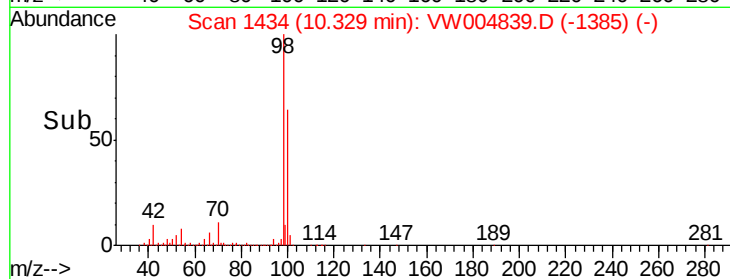
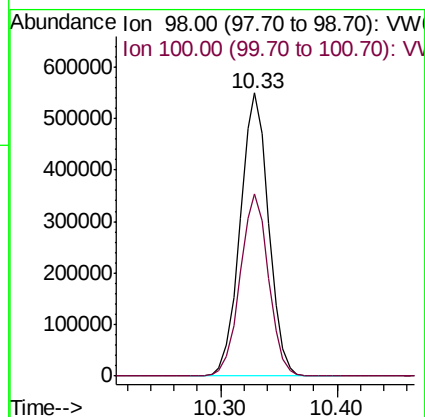
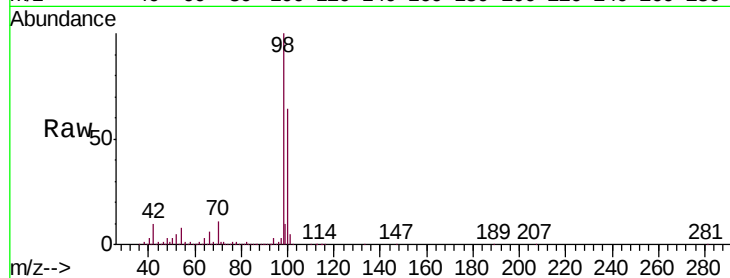
VSS3RE

Tgt Ion: 98 Resp: 934266

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.8



#56

Ethyl methacrylate

Concen: 2.984 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004839.D

Acq: 21 Aug 2018 14:19

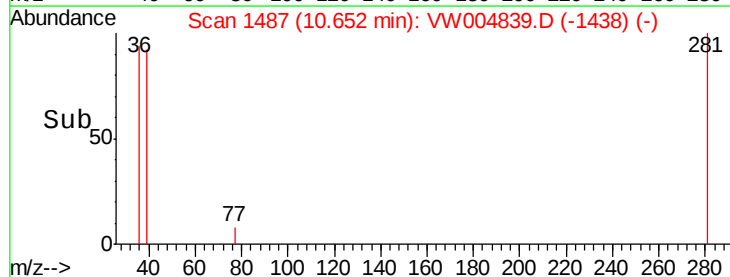
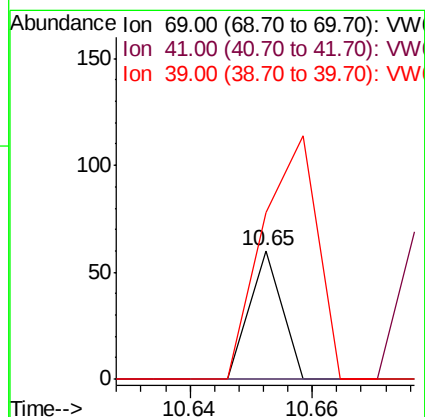
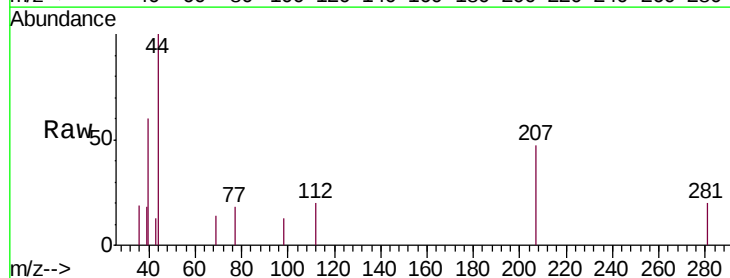
Tgt Ion: 69 Resp: 22

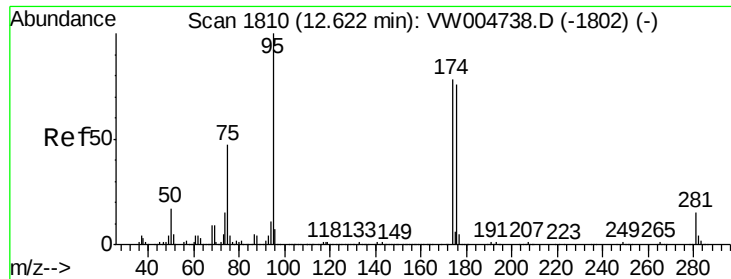
Ion Ratio Lower Upper

69 100

41 0.0 50.7 76.1#

39 318.2 21.4 32.2#

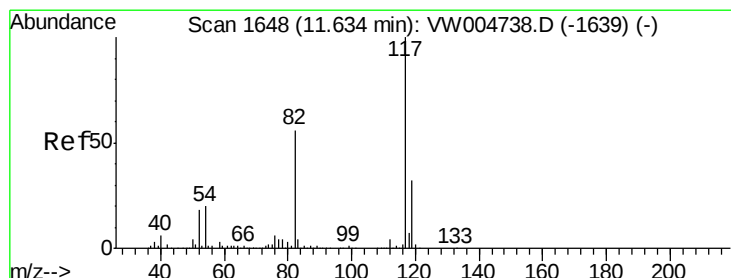
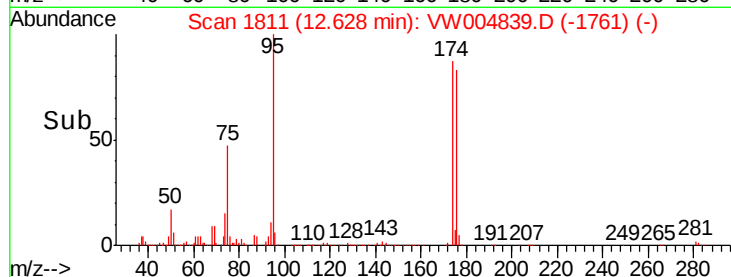
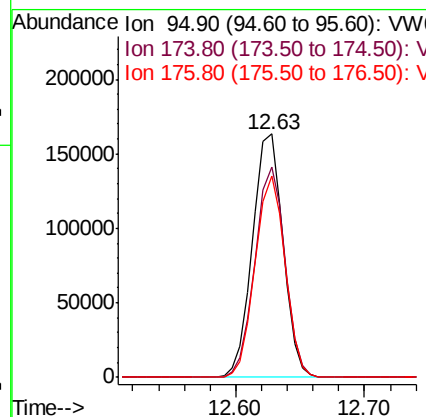
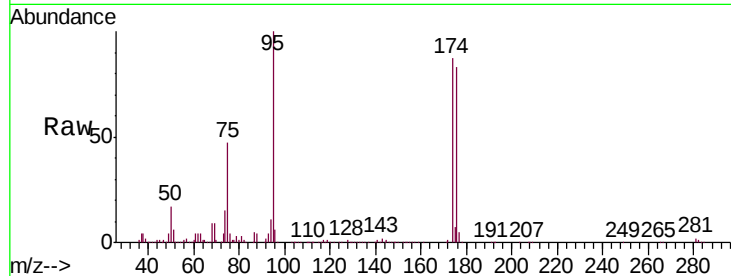




#62
4-Bromofluorobenzene
Concen: 38.497 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004839.D
Acq: 21 Aug 2018 14:19

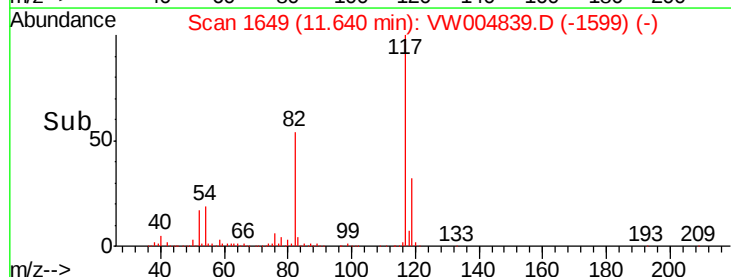
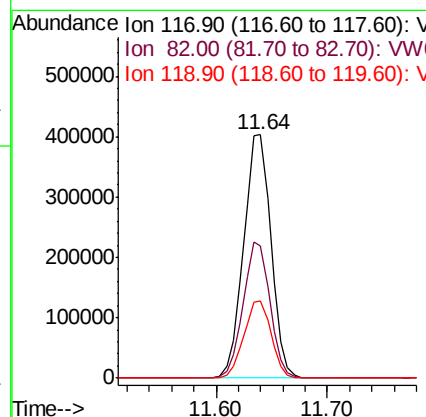
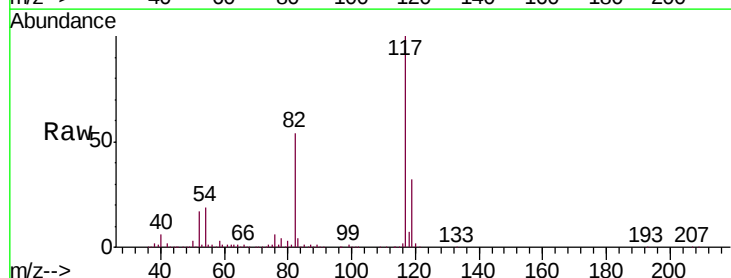
Instrument :
MSVOA_W
ClientSampleId :
VSS3RE

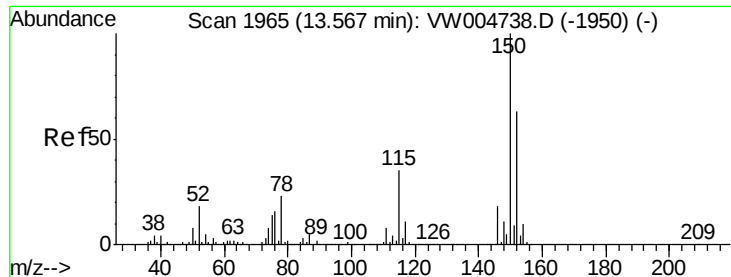
Tgt Ion	Resp	Lower	Upper
95	265907		
174	85.4	0.0	165.8
176	81.4	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004839.D
Acq: 21 Aug 2018 14:19

Tgt Ion	Resp	Lower	Upper
117	686107		
82	54.0	44.6	67.0
119	31.8	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004839.D

Acq: 21 Aug 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

VSS3RE

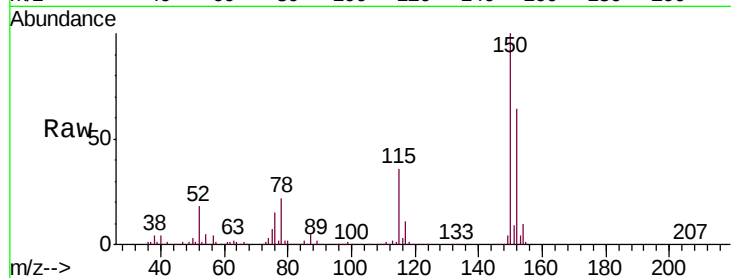
Tgt Ion:152 Resp: 251745

Ion Ratio Lower Upper

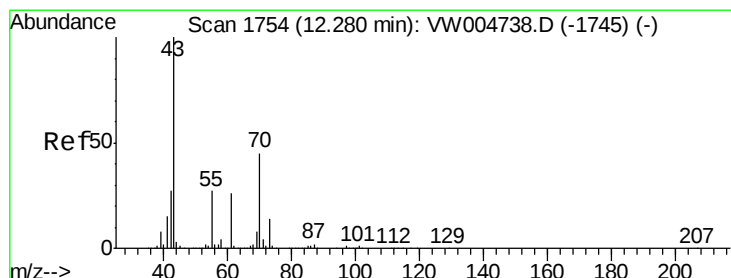
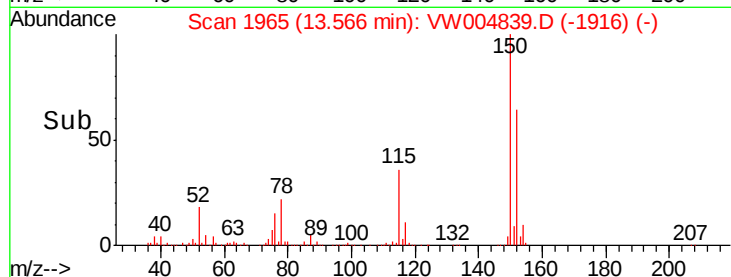
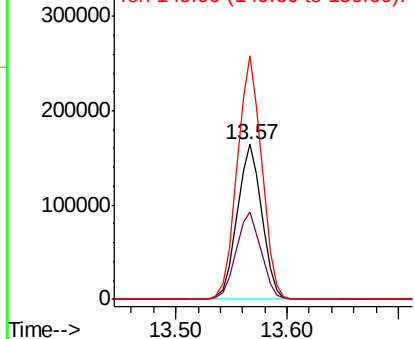
152 100

115 57.0 28.5 85.5

150 155.9 0.0 344.8



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



#74

N-ethyl acetate

Concen: 4.065 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW004839.D

Acq: 21 Aug 2018 14:19

Tgt Ion: 43 Resp: 199

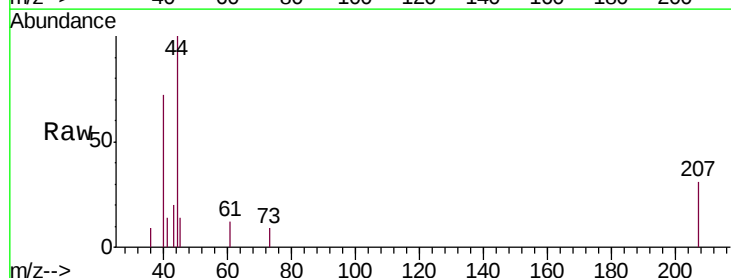
Ion Ratio Lower Upper

43 100

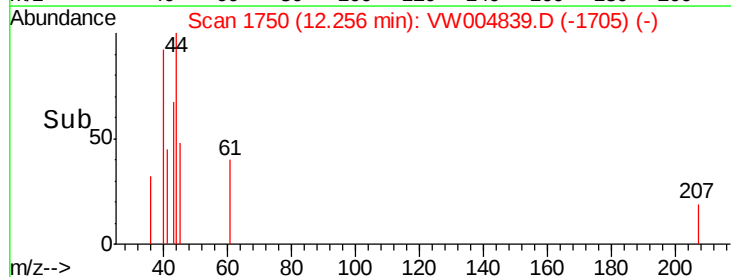
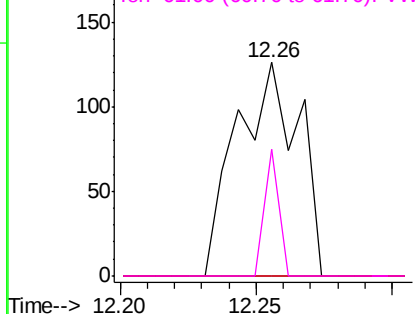
70 0.0 36.3 54.5#

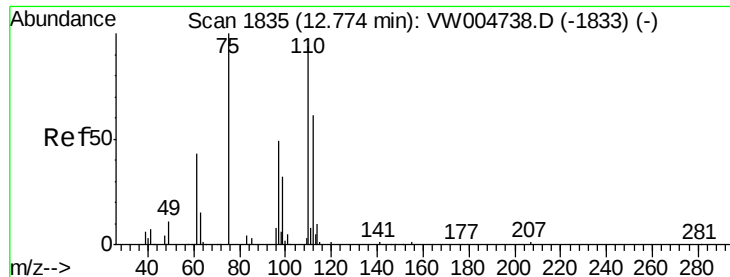
55 0.0 22.6 33.8#

61 13.6 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 70.00 (69.70 to 70.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 61.00 (60.70 to 61.70): VW

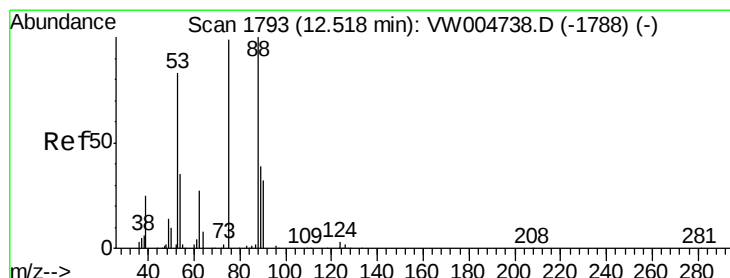
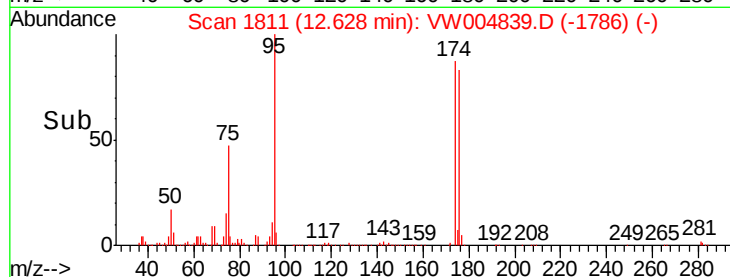
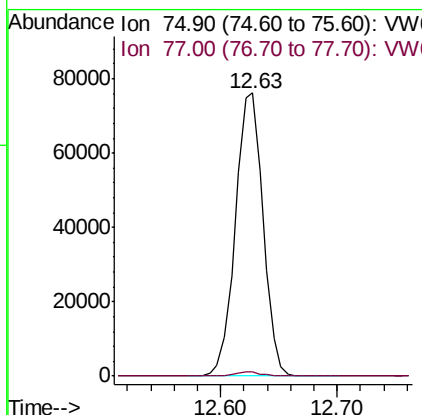
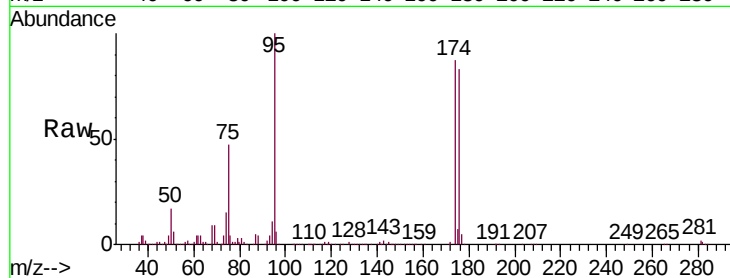




#76
 1,2,3-Trichloropropane
 Concen: 56.770 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW004839.D
 Acq: 21 Aug 2018 14:19

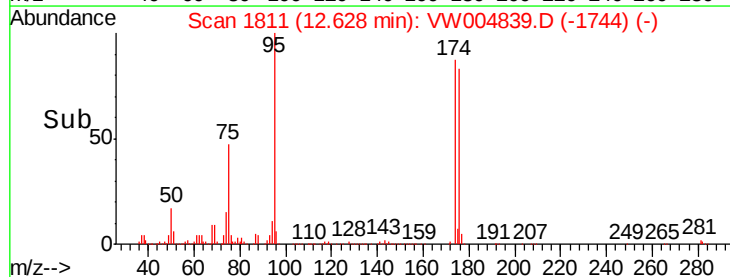
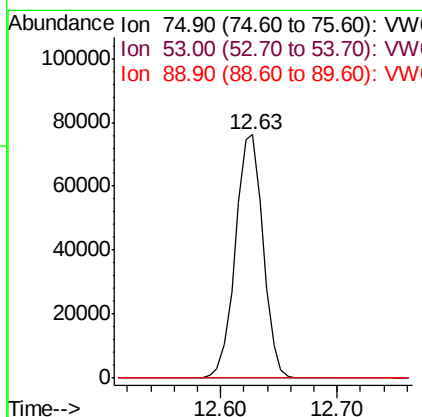
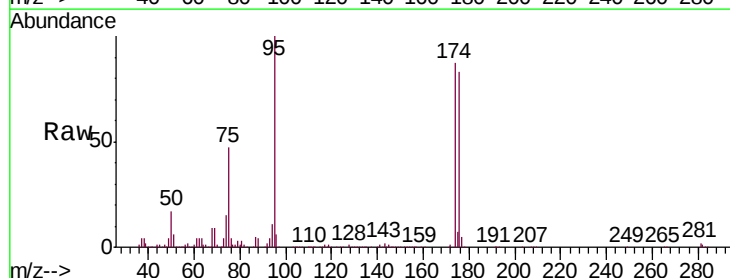
Instrument :
 MSVOA_W
 ClientSampleId :
 VSS3RE

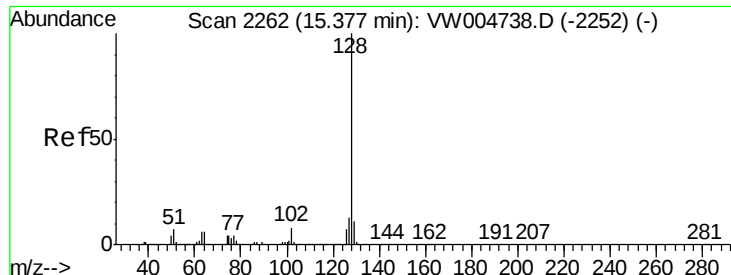
Tgt Ion: 75 Resp: 125983
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.949 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.11 min
 Lab File: VW004839.D
 Acq: 21 Aug 2018 14:19

Tgt Ion: 75 Resp: 125983
 Ion Ratio Lower Upper
 75 100
 53 0.4 72.2 108.4#
 89 0.0 35.2 52.8#





#95

Naphthalene

Concen: 3.587 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW004839.D

Acq: 21 Aug 2018 14:19

Instrument :

MSVOA_W

ClientSampleId :

VSS3RE

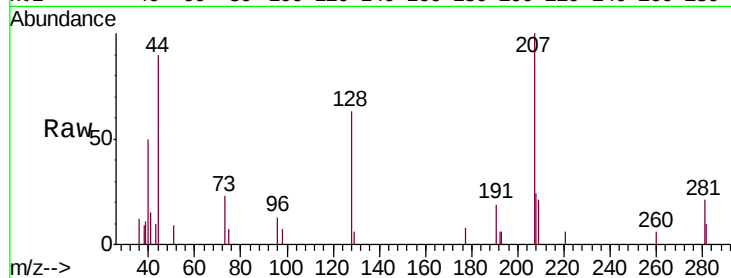
Tgt Ion:128 Resp: 890

Ion Ratio Lower Upper

128 100

127 8.1 10.4 15.6#

129 4.4 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

