

Data File : VW004756.D
Acq On : 18 Aug 2018 01:48
Operator : SY/AP
Sample : J4460-15RE
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RA-081018-ESW-015RE

Quant Time: Aug 18 02:42:22 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	510372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	816085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	619540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	197550	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	291976	59.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.34%	
35) Dibromofluoromethane	7.89	113	279465	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
50) Toluene-d8	10.33	98	863322	42.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.80%	
62) 4-Bromofluorobenzene	12.62	95	208049	28.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.80%	

Target Compounds

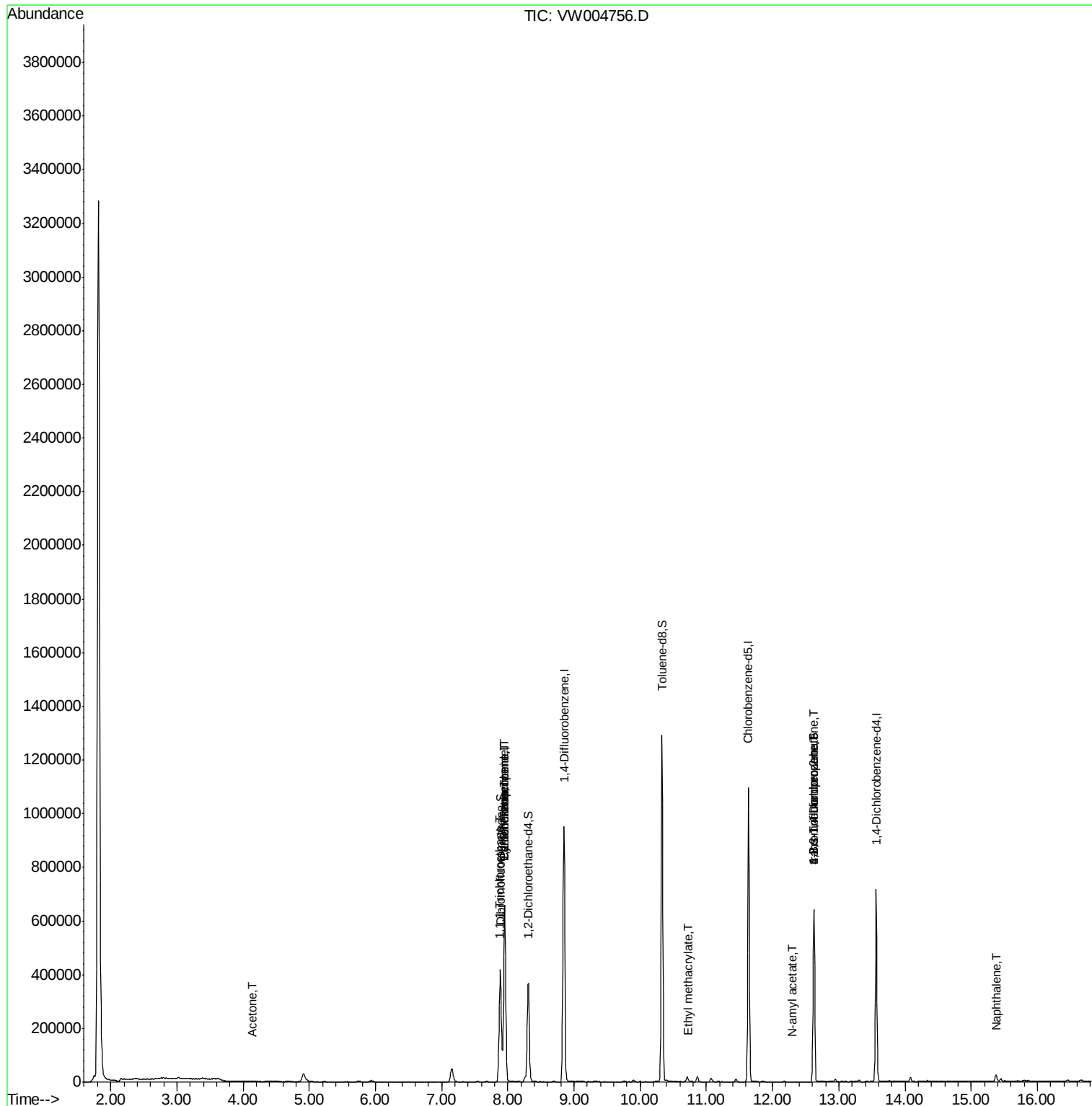
						Qvalue
16) Acetone	4.14	43	2106	1.672	ug/l #	75
31) Cyclohexane	7.95	56	10111	1.049	ug/l #	1
32) 1,1,1-Trichloroethane	7.87	97	32688	4.206	ug/l	97
36) 1,1-Dichloropropene	7.95	75	38220	4.546	ug/l #	49
38) Carbon Tetrachloride	7.95	117	46482	6.006	ug/l #	15
56) Ethyl methacrylate	10.73	69	30	2.985	ug/l #	1
74) N-amyl acetate	12.30	43	75	4.041	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	98151	56.362	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	98151	131.000	ug/l #	14
95) Naphthalene	15.38	128	19931	5.783	ug/l	96

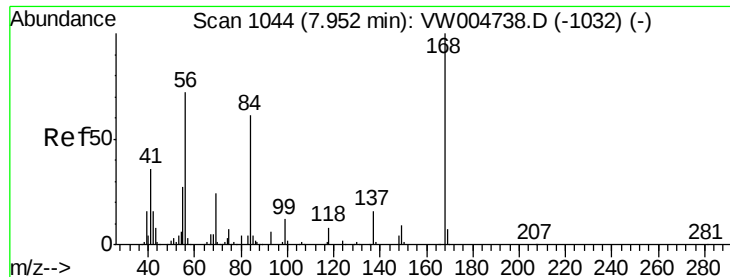
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004756.D

Acq: 18 Aug 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

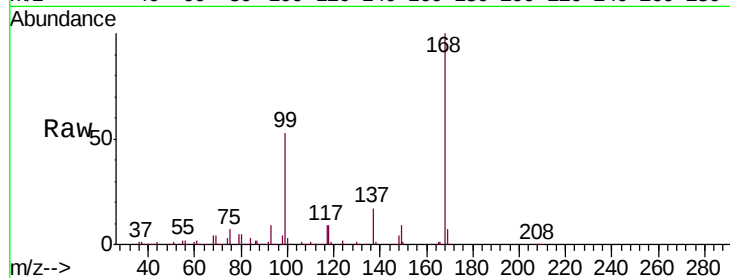
RA-081018-ESW-015RE

Tgt Ion:168 Resp: 510372

Ion Ratio Lower Upper

168 100

99 52.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

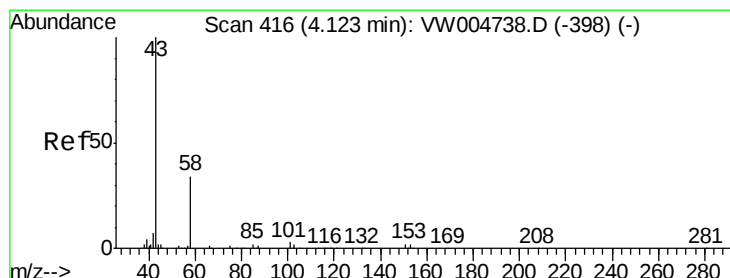
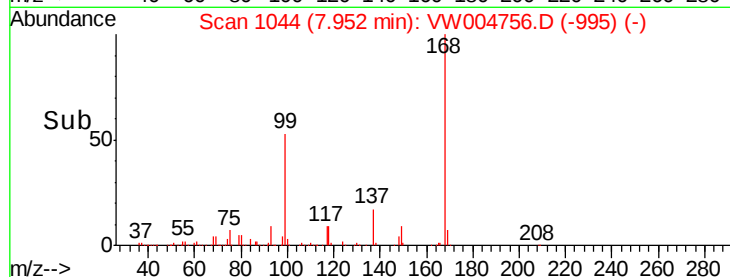
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 1.672 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004756.D

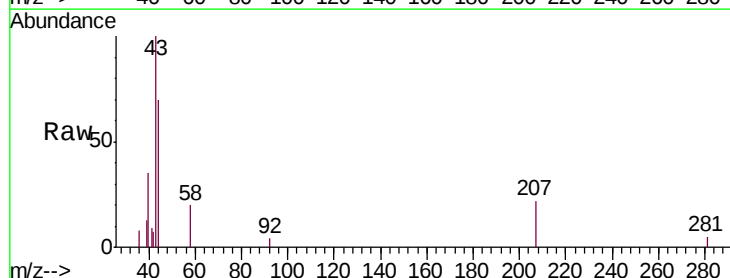
Acq: 18 Aug 2018 01:48

Tgt Ion: 43 Resp: 2106

Ion Ratio Lower Upper

43 100

58 19.7 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

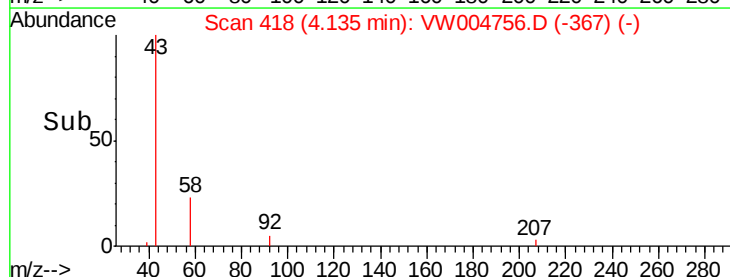
1500

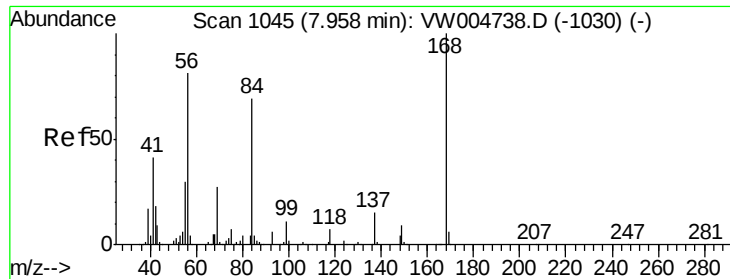
1000

500

0

Time--> 4.10 4.15

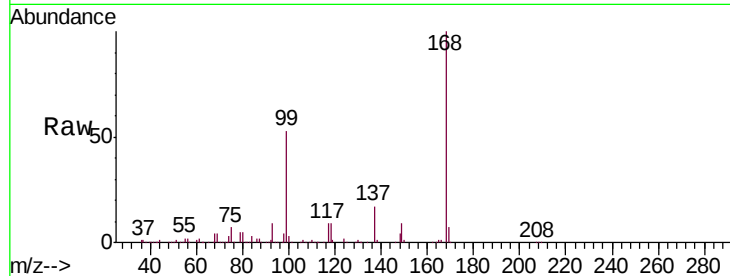




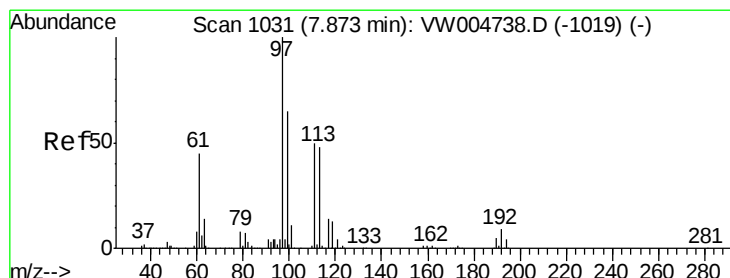
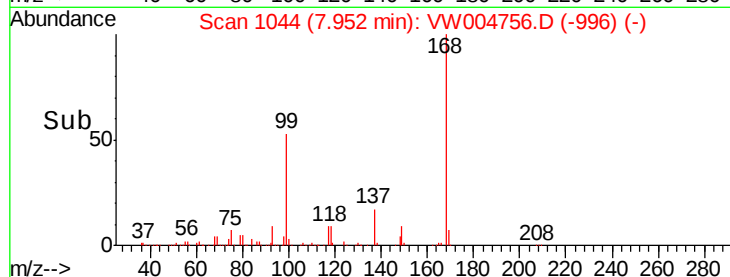
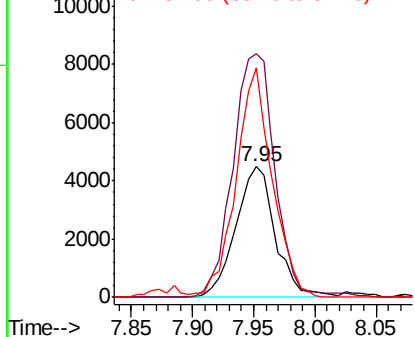
#31
Cyclohexane
Concen: 1.049 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004756.D
Acq: 18 Aug 2018 01:48

Instrument :
MSVOA_W
ClientSampleId :
RA-081018-ESW-015RE

Tgt Ion: 56 Resp: 10111
Ion Ratio Lower Upper
56 100
69 186.3 27.1 40.7#
84 175.4 68.3 102.5#

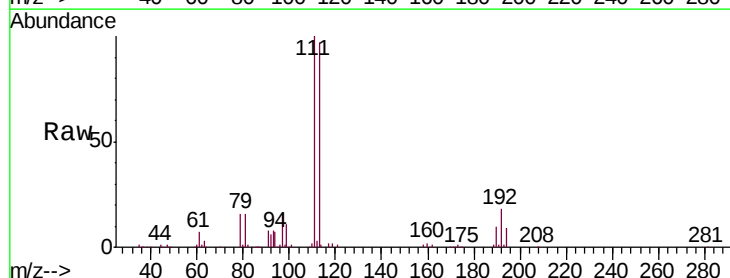


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

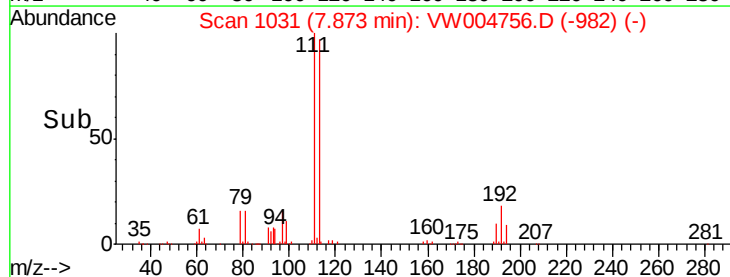
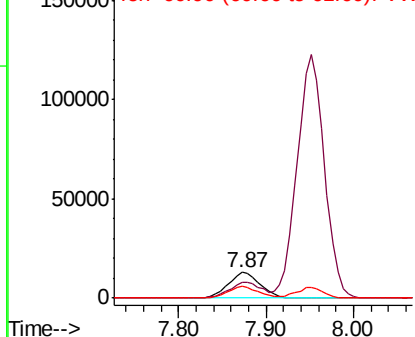


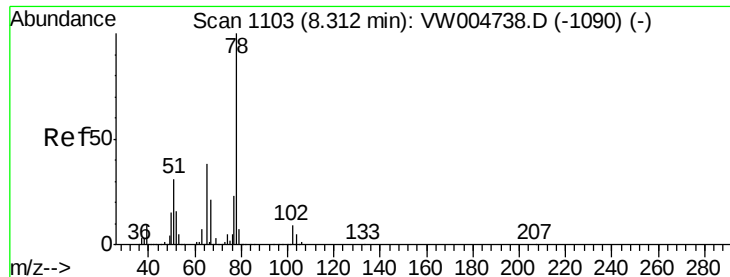
#32
1,1,1-Trichloroethane
Concen: 4.206 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004756.D
Acq: 18 Aug 2018 01:48

Tgt Ion: 97 Resp: 32688
Ion Ratio Lower Upper
97 100
99 61.3 51.7 77.5
61 44.5 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 59.173 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004756.D

Acq: 18 Aug 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

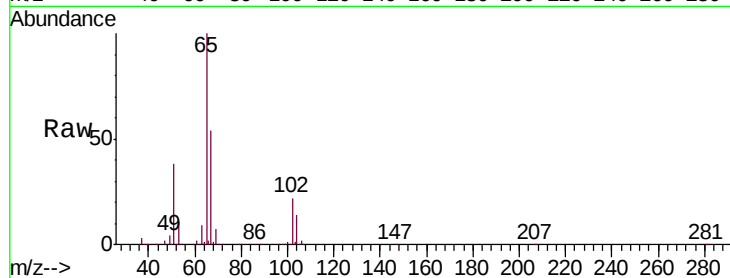
RA-081018-ESW-015RE

Tgt Ion: 65 Resp: 291976

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

150000

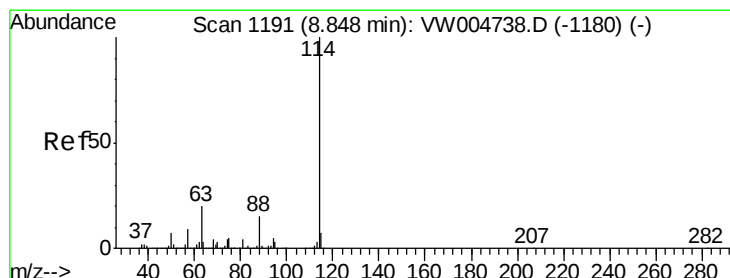
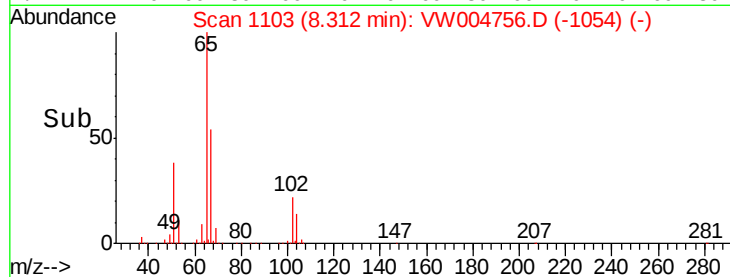
100000

50000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004756.D

Acq: 18 Aug 2018 01:48

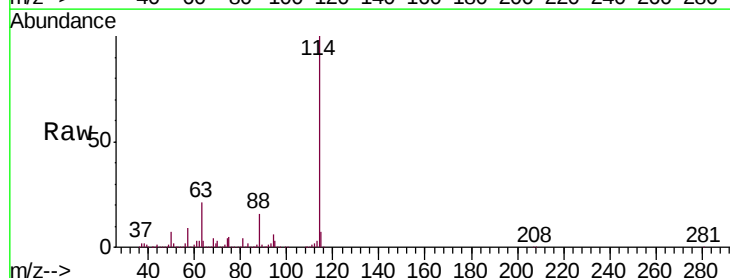
Tgt Ion: 114 Resp: 816085

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

88 15.9 0.0 30.0



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

8.85

500000

400000

300000

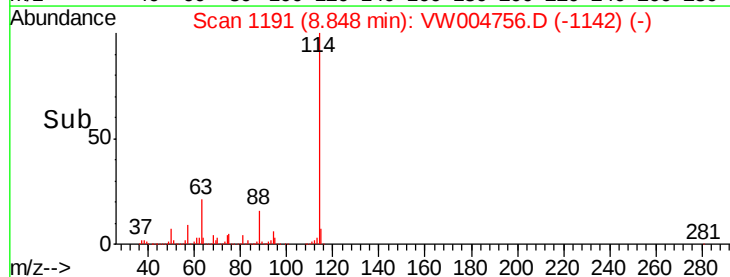
200000

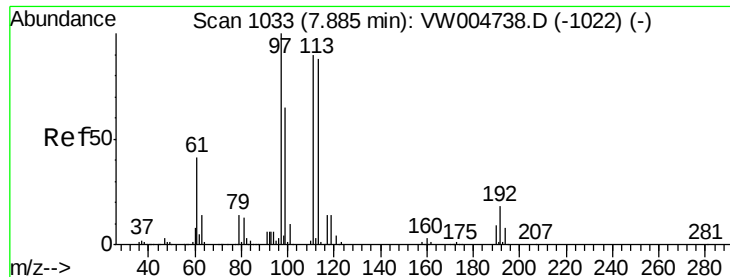
100000

0

8.80 8.90

Time-->





#35

Dibromofluoromethane

Concen: 53.580 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004756.D

Acq: 18 Aug 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

RA-081018-ESW-015RE

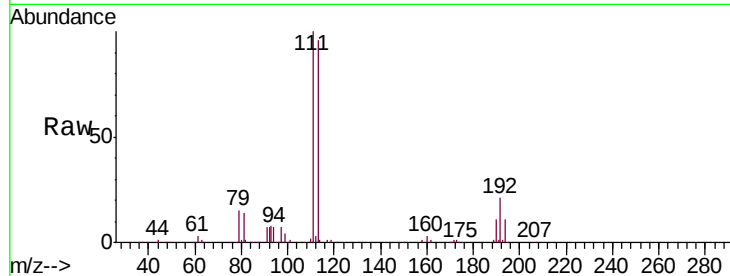
Tgt Ion:113 Resp: 279465

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

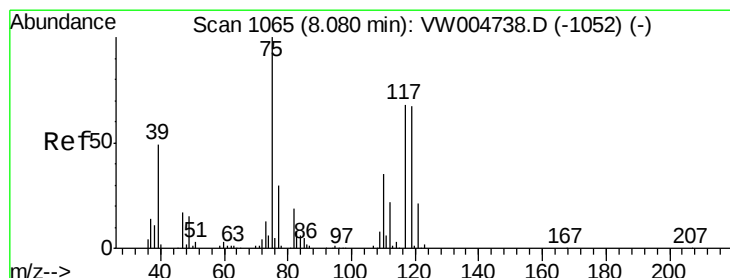
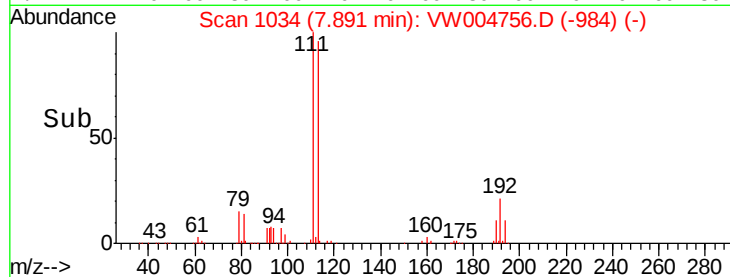
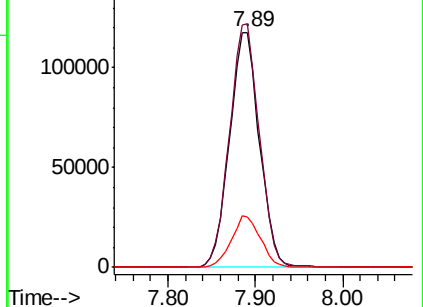
192 21.3 16.7 25.1



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: 4.546 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004756.D

Acq: 18 Aug 2018 01:48

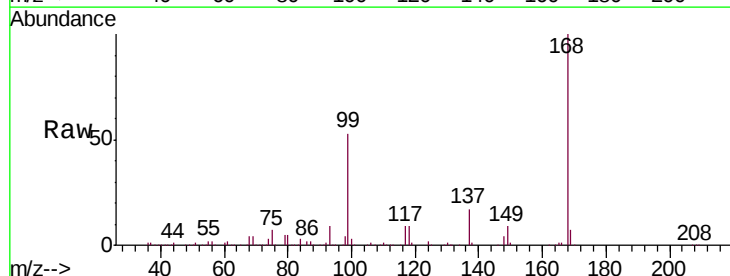
Tgt Ion: 75 Resp: 38220

Ion Ratio Lower Upper

75 100

110 7.9 17.8 53.5#

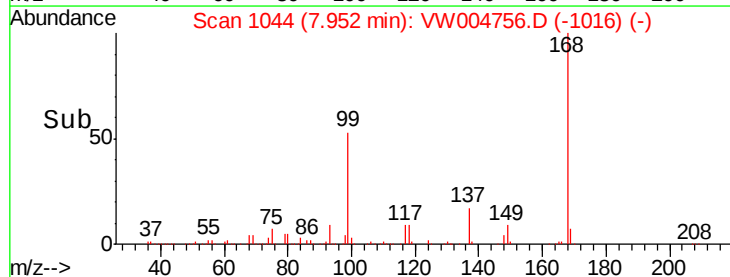
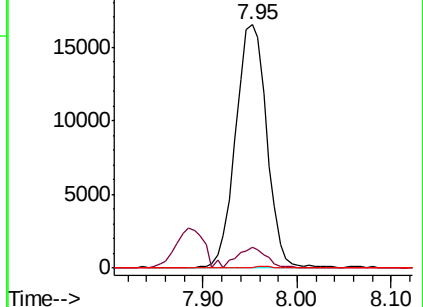
77 0.3 24.9 37.3#

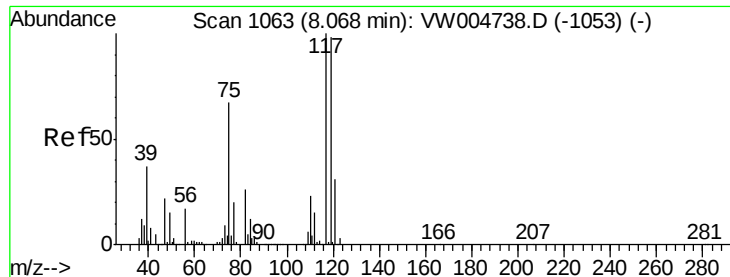


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.006 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004756.D

Acq: 18 Aug 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

RA-081018-ESW-015RE

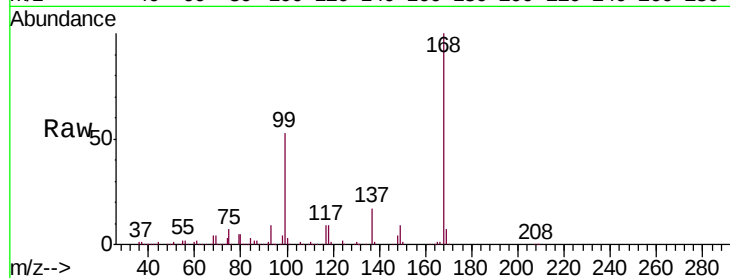
Tgt Ion:117 Resp: 46482

Ion Ratio Lower Upper

117 100

119 5.0 78.0 117.0#

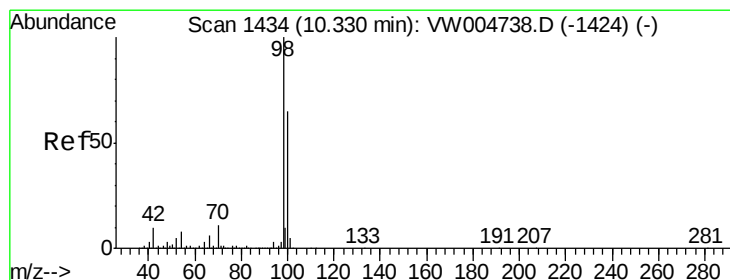
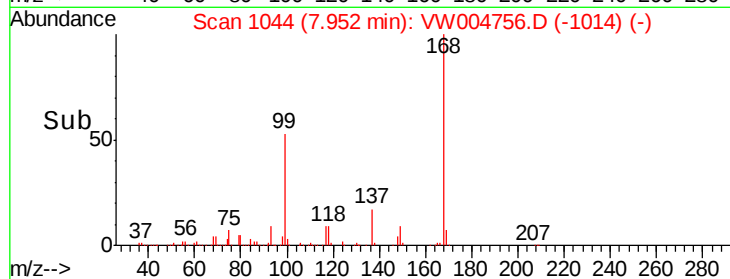
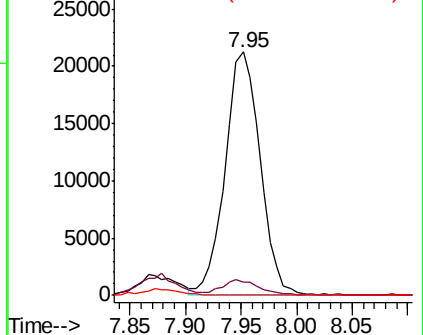
121 0.0 24.8 37.2#



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: 42.402 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004756.D

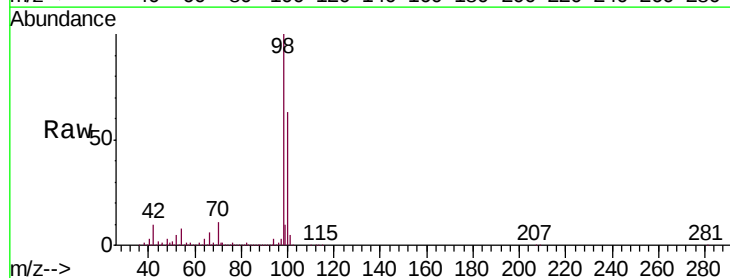
Acq: 18 Aug 2018 01:48

Tgt Ion: 98 Resp: 863322

Ion Ratio Lower Upper

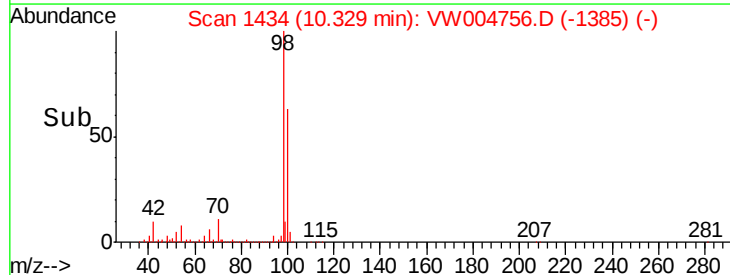
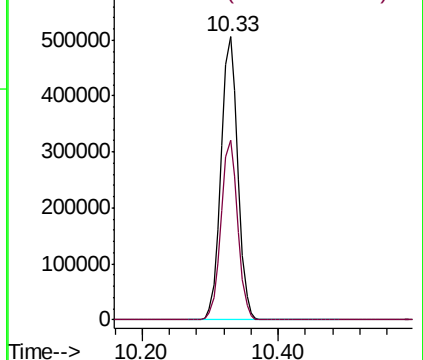
98 100

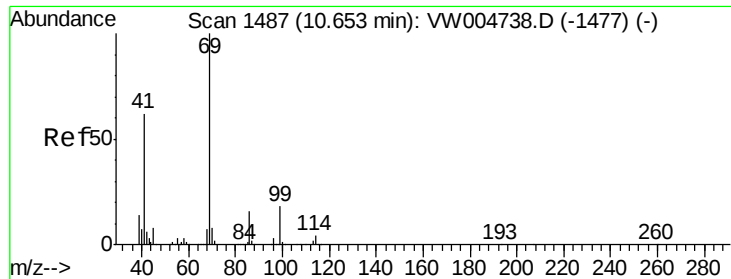
100 63.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

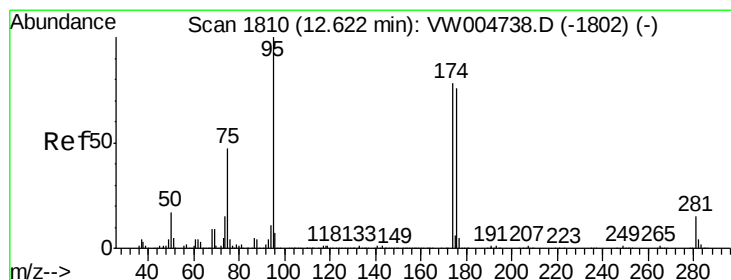
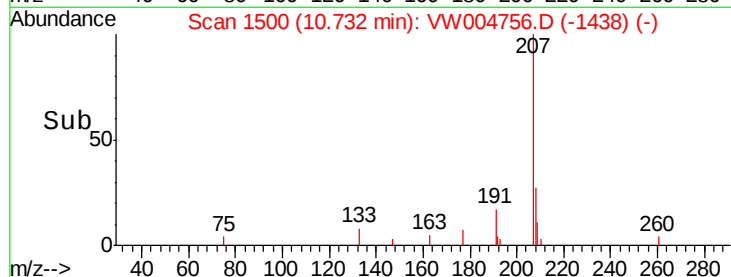
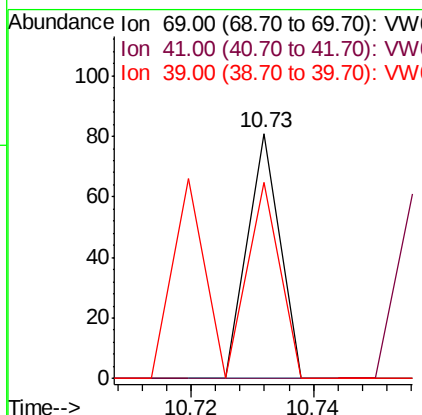
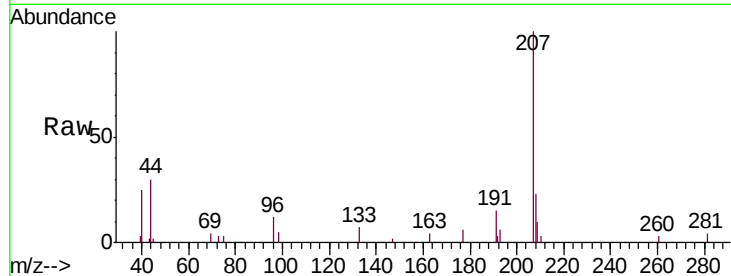




#56
 Ethyl methacrylate
 Concen: 2.985 ug/l
 RT: 10.73 min Scan# 1500
 Delta R.T. 0.08 min
 Lab File: VW004756.D
 Acq: 18 Aug 2018 01:48

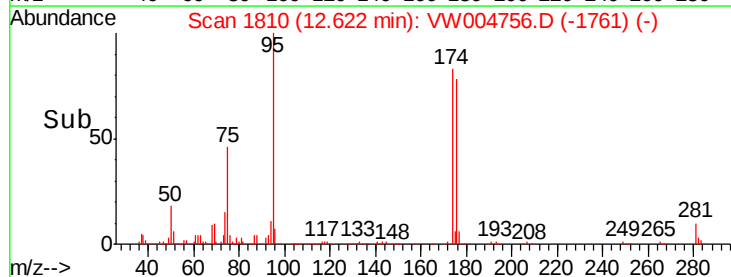
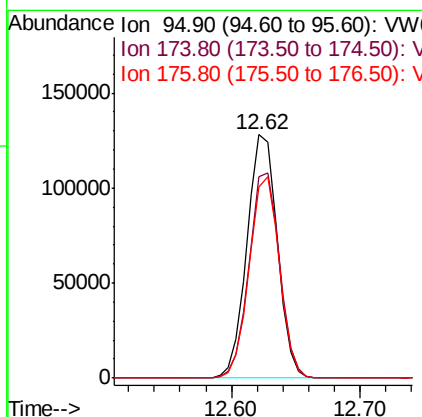
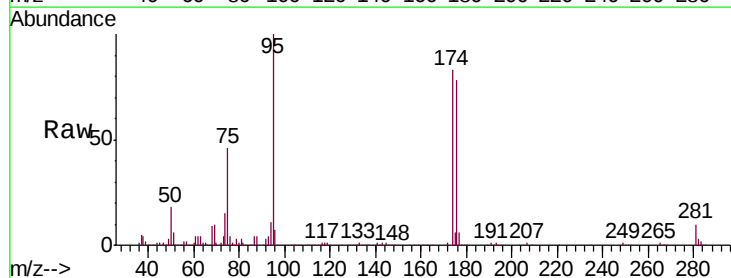
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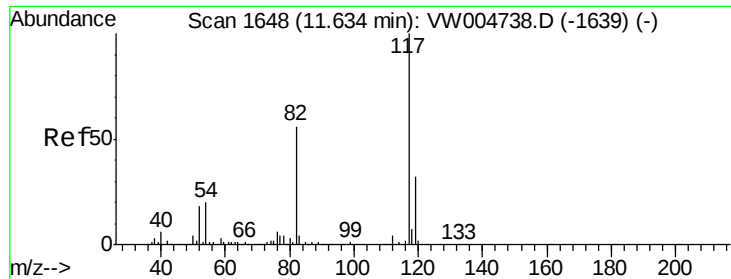
Tgt Ion: 69 Resp: 30
 Ion Ratio Lower Upper
 69 100
 41 0.0 50.7 76.1#
 39 160.0 21.4 32.2#



#62
 4-Bromofluorobenzene
 Concen: 28.403 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004756.D
 Acq: 18 Aug 2018 01:48

Tgt Ion: 95 Resp: 208049
 Ion Ratio Lower Upper
 95 100
 174 84.8 0.0 165.8
 176 81.7 0.0 159.8

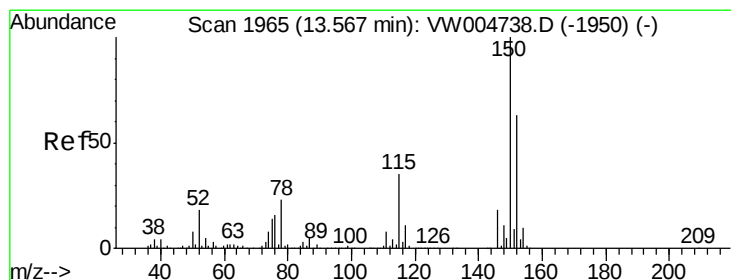
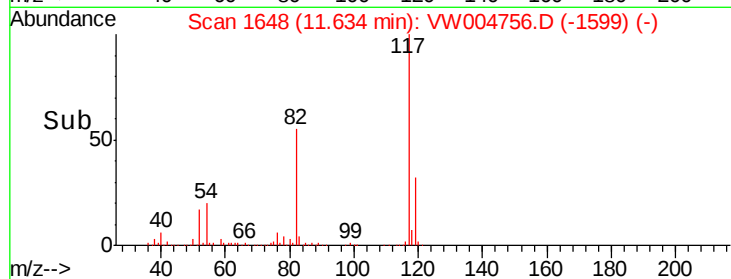
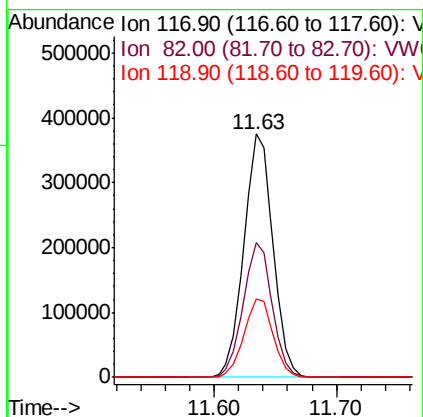
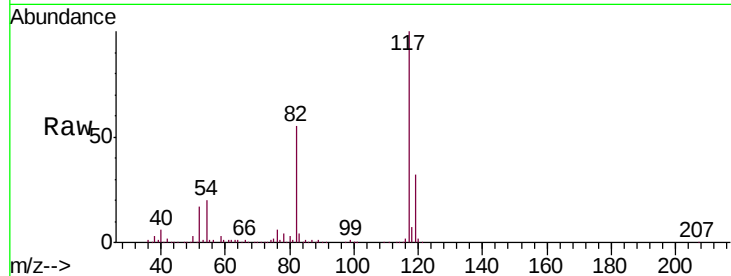




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004756.D
Acq: 18 Aug 2018 01:48

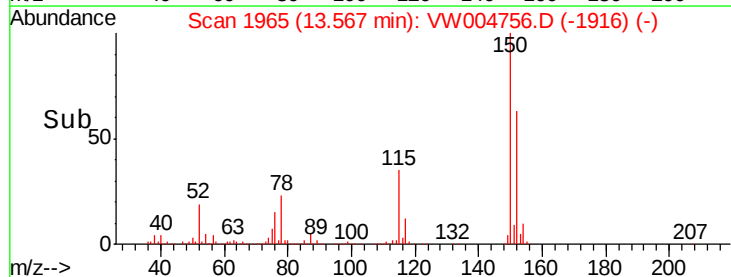
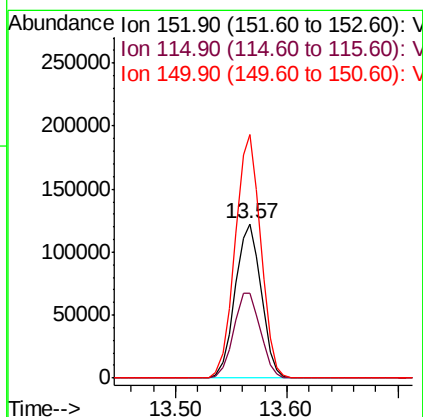
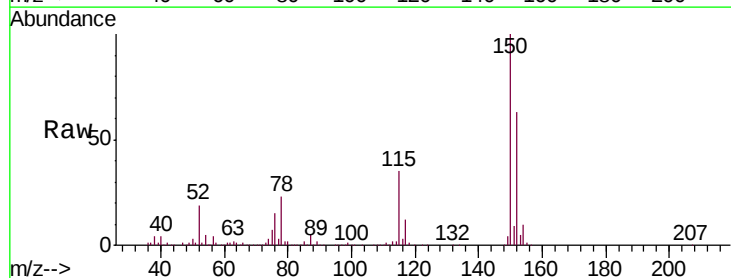
Instrument :
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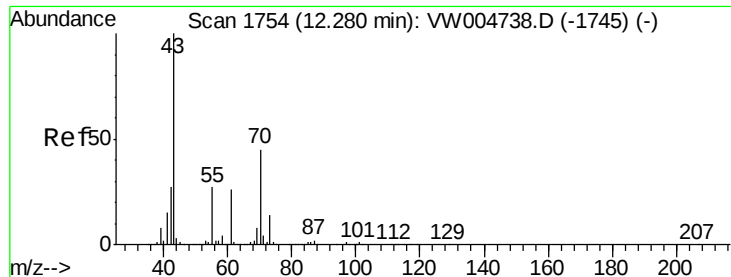
Tgt Ion:117 Resp: 619540
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004756.D
Acq: 18 Aug 2018 01:48

Tgt Ion:152 Resp: 197550
Ion Ratio Lower Upper
152 100
115 56.7 28.5 85.5
150 155.1 0.0 344.8

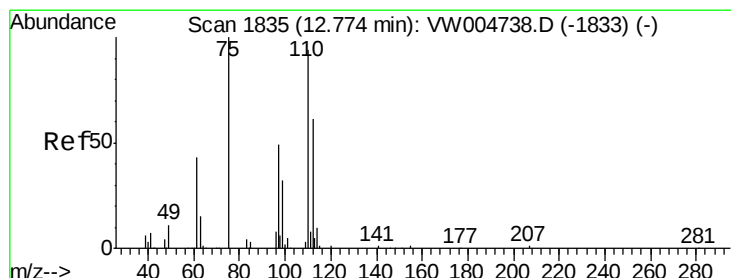
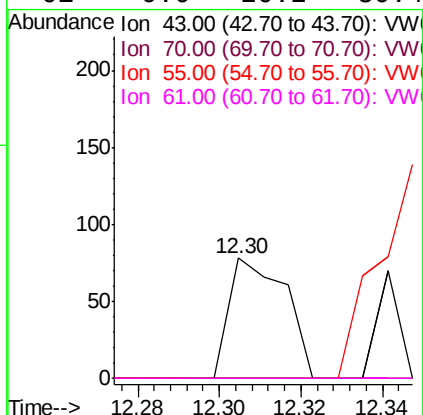
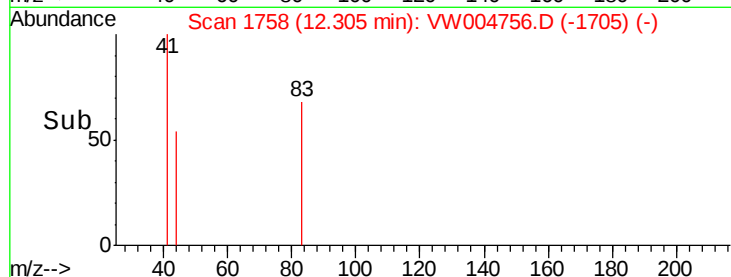
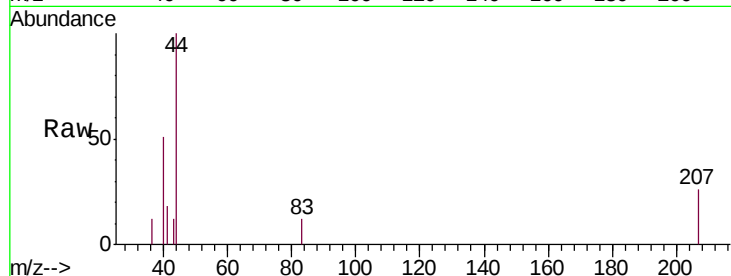




#74
N-amyI acetate
Concen: 4.041 ug/l
RT: 12.30 min Scan# 1758
Delta R.T. 0.02 min
Lab File: VW004756.D
Acq: 18 Aug 2018 01:48

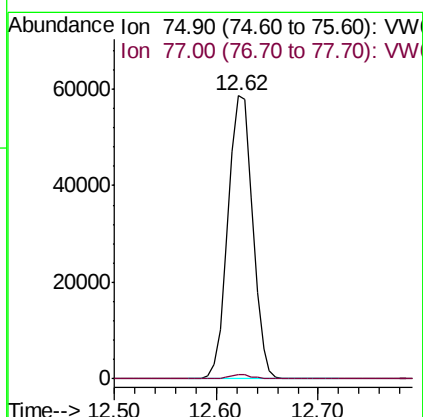
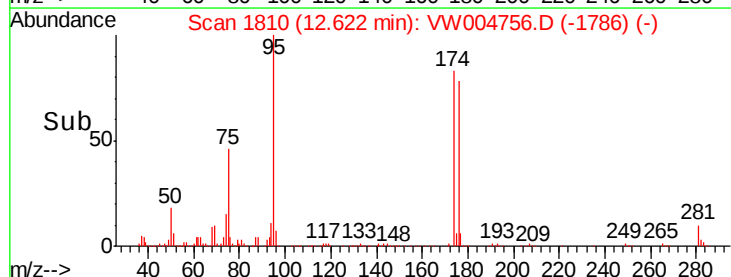
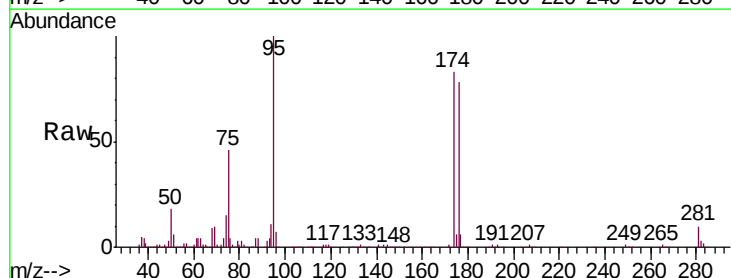
Instrument :
MSVOA_W
ClientSampleId :
RA-081018-ESW-015RE

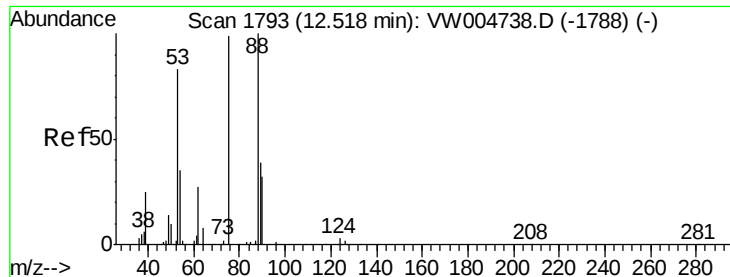
Tgt Ion:	43	Resp:	75
Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.3	54.5#
55	0.0	22.6	33.8#
61	0.0	20.2	30.4#



#76
1,2,3-Trichloropropane
Concen: 56.362 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004756.D
Acq: 18 Aug 2018 01:48

Tgt Ion:	75	Resp:	98151
Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#

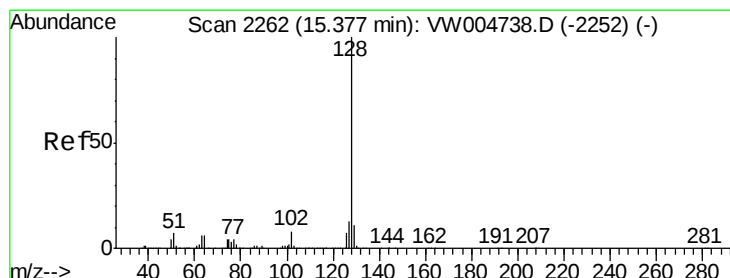
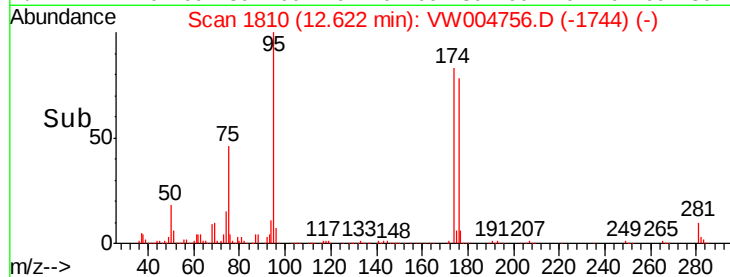
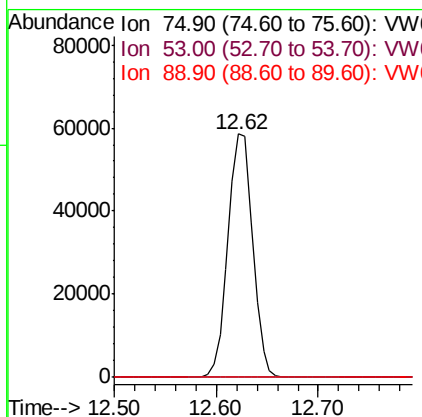
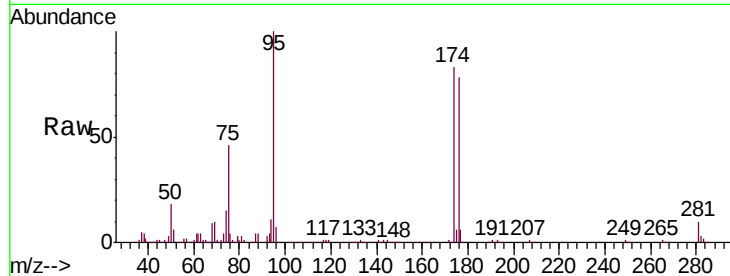




#81
trans-1,4-Dichloro-2-butene
Concen: 131.000 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004756.D
Acq: 18 Aug 2018 01:48

Instrument :
MSVOA_W
ClientSampleId :
RA-081018-ESW-015RE

Tgt Ion: 75 Resp: 98151
Ion Ratio Lower Upper
75 100
53 0.3 72.2 108.4#
89 0.0 35.2 52.8#



#95
Naphthalene
Concen: 5.783 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004756.D
Acq: 18 Aug 2018 01:48

Tgt Ion: 128 Resp: 19931
Ion Ratio Lower Upper
128 100
127 14.8 10.4 15.6
129 11.8 8.6 13.0

