

Data File : VW004751.D
Acq On : 17 Aug 2018 23:39
Operator : SY/AP
Sample : J4460-02RE
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RA-080918-SW-002RE

Quant Time: Aug 18 02:41:20 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	483316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	777297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	638421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	209681	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	297910	63.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.52%	
35) Dibromofluoromethane	7.88	113	279878	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
50) Toluene-d8	10.33	98	863264	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
62) 4-Bromofluorobenzene	12.62	95	221577	31.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.52%	

Target Compounds

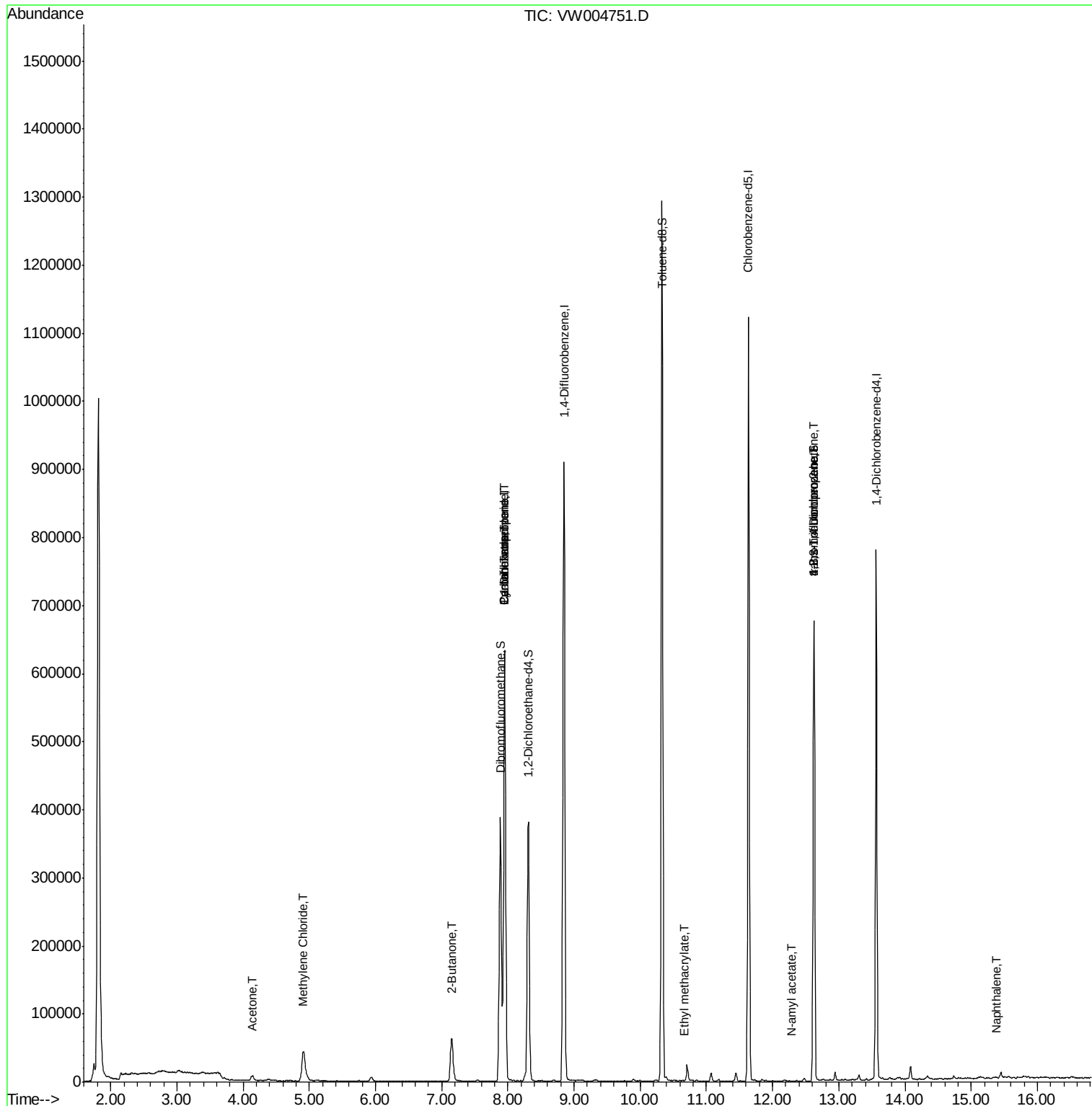
						Qvalue
16) Acetone	4.14	43	14291	11.981	ug/l	89
20) Methylene Chloride	4.91	84	42128	3.743	ug/l	95
25) 2-Butanone	7.16	43	3213	1.891	ug/l #	87
31) Cyclohexane	7.95	56	9834	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	36280	4.531	ug/l #	48
38) Carbon Tetrachloride	7.95	117	45179	6.129	ug/l #	16
56) Ethyl methacrylate	10.66	69	47	2.989	ug/l #	1
74) N-amyl acetate	12.29	43	72	4.039	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	103174	55.818	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	103174	129.737	ug/l #	14
95) Naphthalene	15.38	128	1468	3.666	ug/l #	92

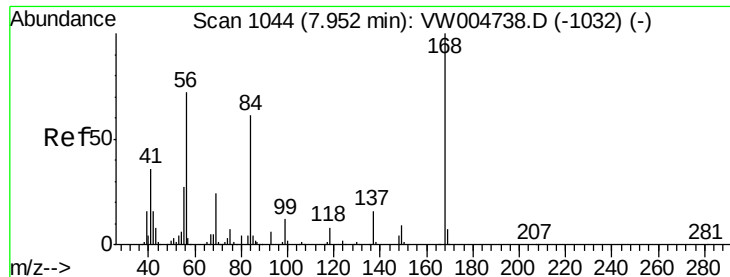
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004751.D

Acq: 17 Aug 2018 23:39

Instrument :

MSVOA_W

ClientSampleId :

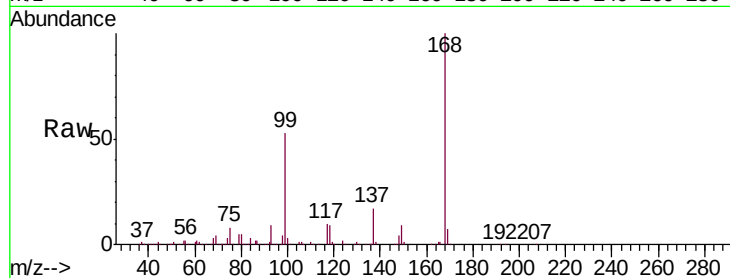
RA-080918-SW-002RE

Tgt Ion:168 Resp: 483316

Ion Ratio Lower Upper

168 100

99 53.1 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

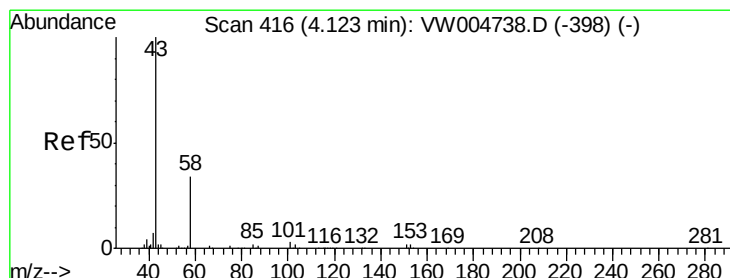
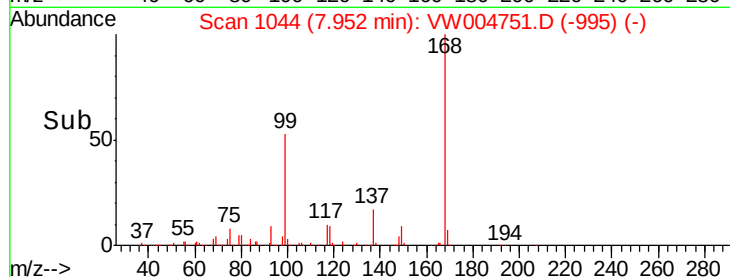
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 11.981 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004751.D

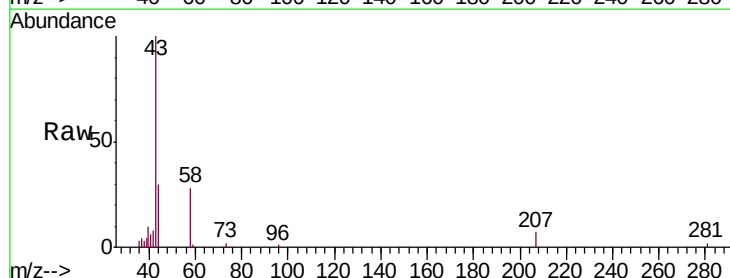
Acq: 17 Aug 2018 23:39

Tgt Ion: 43 Resp: 14291

Ion Ratio Lower Upper

43 100

58 28.0 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

5000

4000

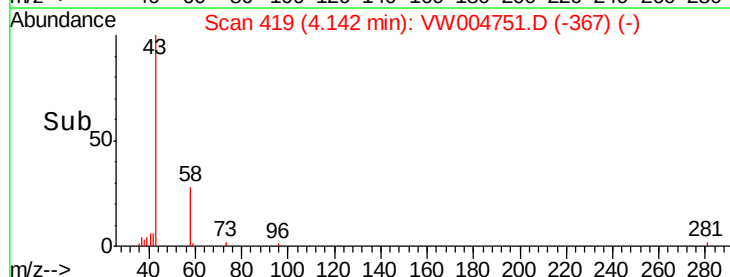
3000

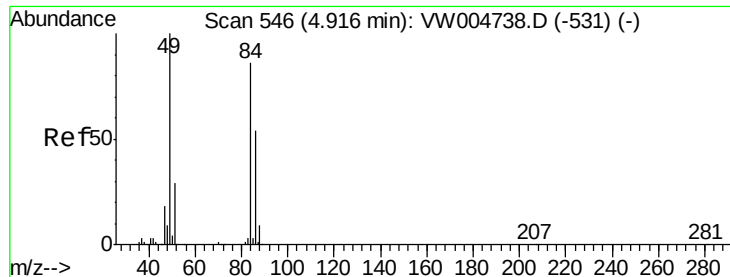
2000

1000

0

Time--> 4.00 4.10 4.20 4.30

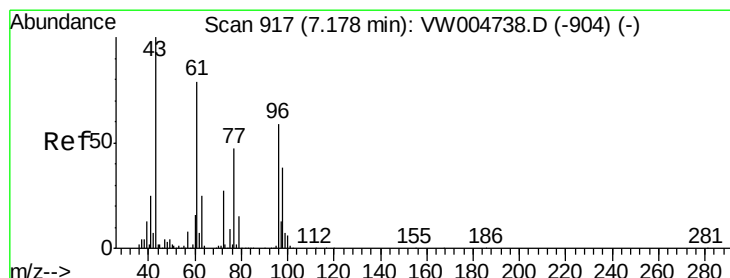
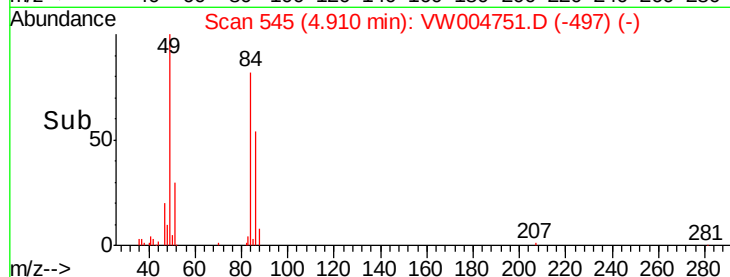
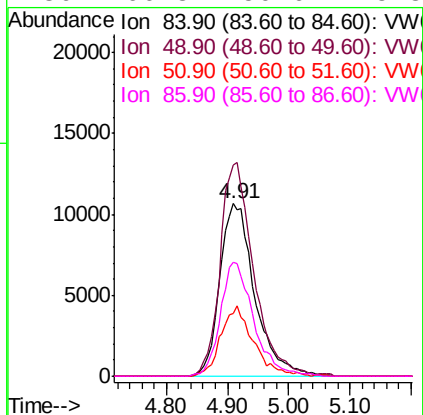
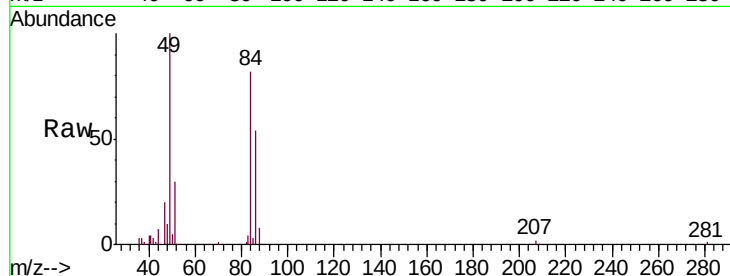




#20
Methylene Chloride
Concen: 3.743 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004751.D
Acq: 17 Aug 2018 23:39

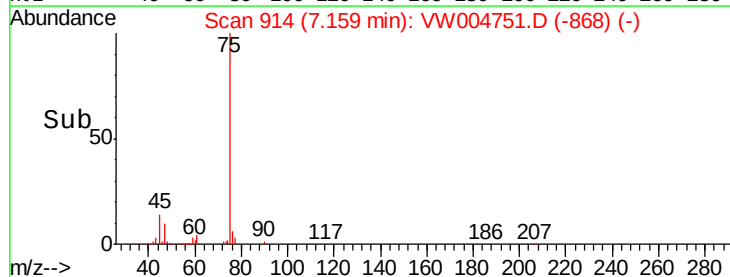
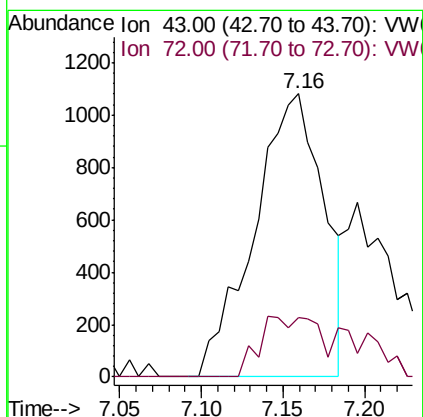
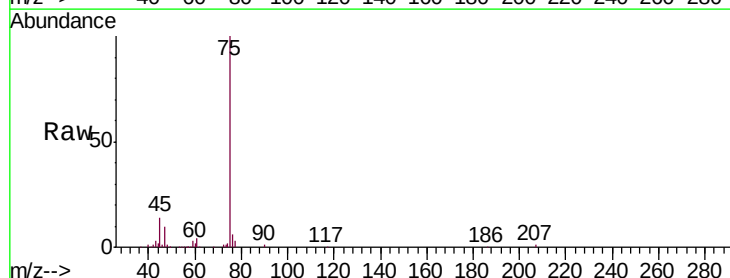
Instrument :
MSVOA_W
ClientSampleId :
RA-080918-SW-002RE

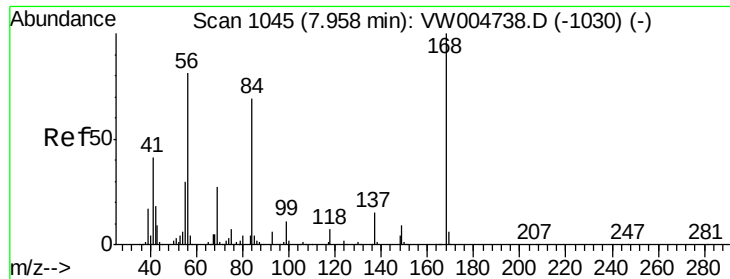
Tgt Ion:	84	Resp:	42128
Ion	Ratio	Lower	Upper
84	100		
49	122.6	93.2	139.8
51	36.6	27.4	41.0
86	66.3	50.6	75.8



#25
2-Butanone
Concen: 1.891 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW004751.D
Acq: 17 Aug 2018 23:39

Tgt Ion:	43	Resp:	3213
Ion	Ratio	Lower	Upper
43	100		
72	20.8	22.0	33.0#

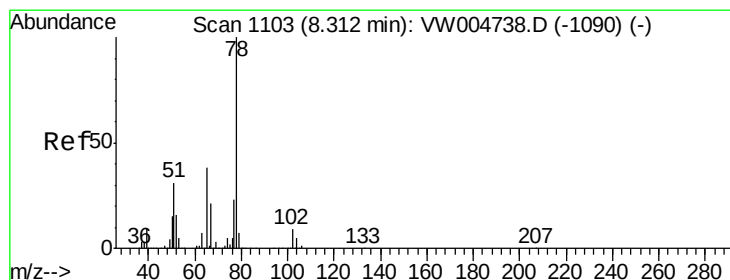
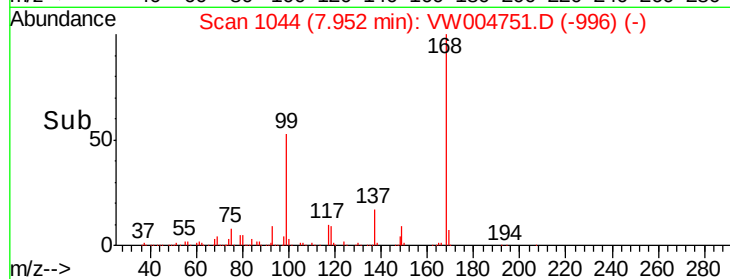
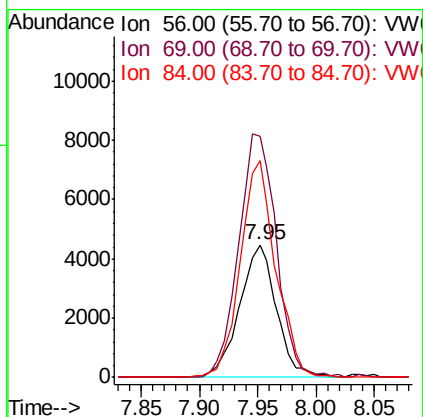
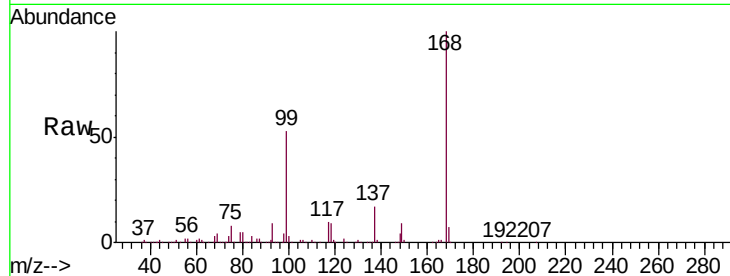




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004751.D
Acq: 17 Aug 2018 23:39

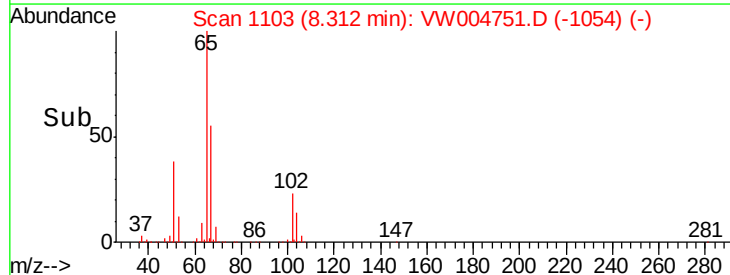
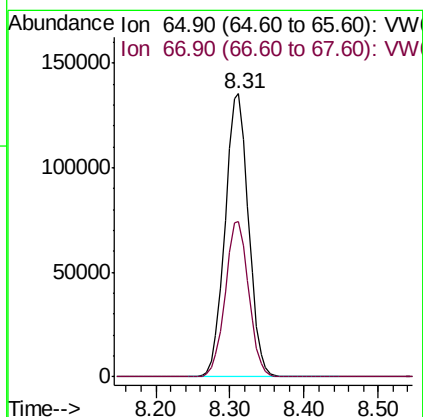
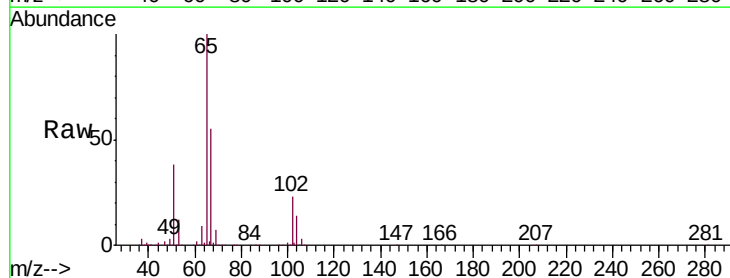
Instrument :
MSVOA_W
ClientSampleId :
RA-080918-SW-002RE

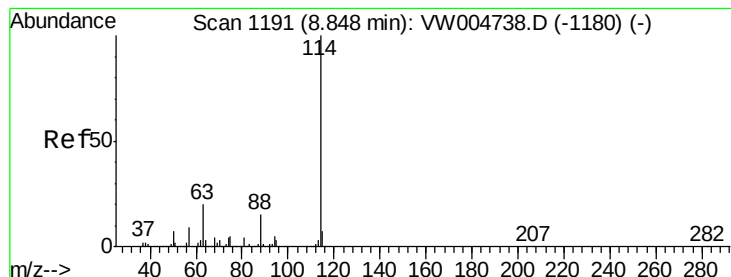
Tgt Ion: 56 Resp: 9834
Ion Ratio Lower Upper
56 100
69 182.5 27.1 40.7#
84 163.9 68.3 102.5#



#33
1,2-Dichloroethane-d4
Concen: 63.755 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004751.D
Acq: 17 Aug 2018 23:39

Tgt Ion: 65 Resp: 297910
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: VW004751.D

Acq: 17 Aug 2018 23:39

Instrument :

MSVOA_W

ClientSampleId :

RA-080918-SW-002RE

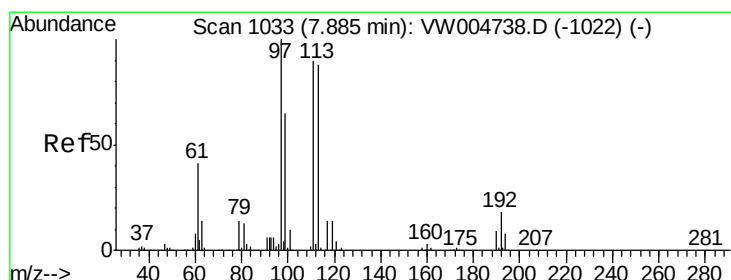
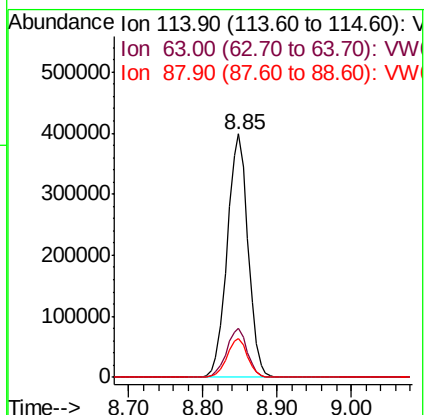
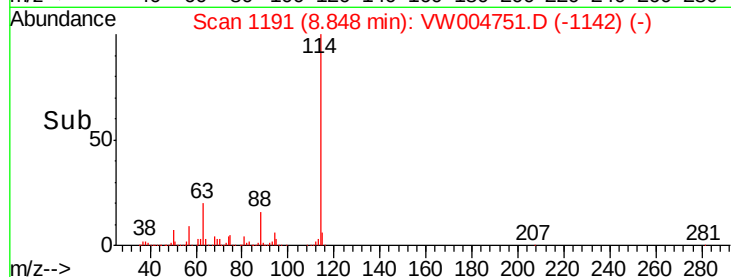
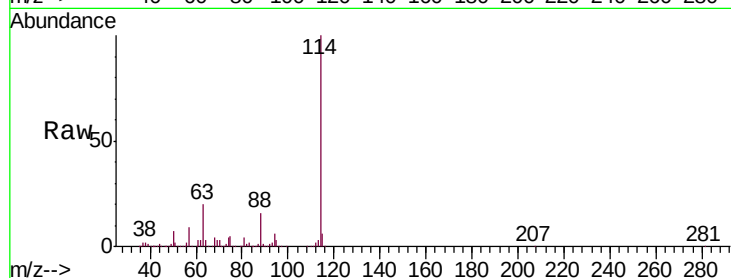
Tgt Ion:114 Resp: 777297

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

88 16.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 56.337 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004751.D

Acq: 17 Aug 2018 23:39

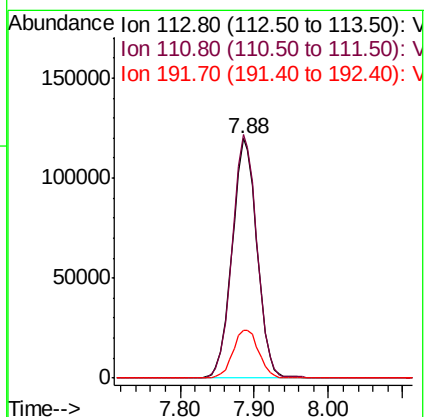
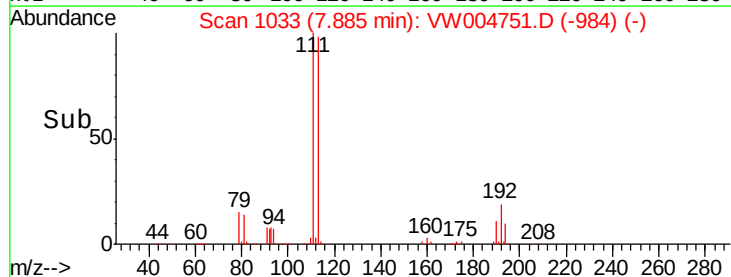
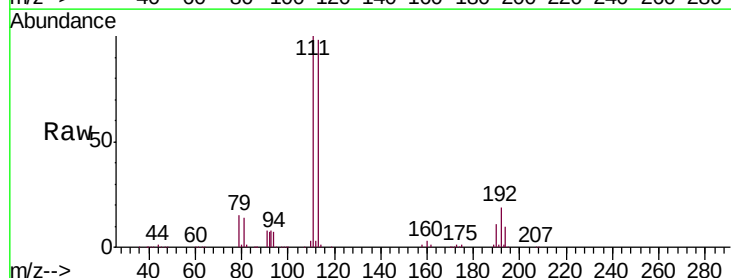
Tgt Ion:113 Resp: 279878

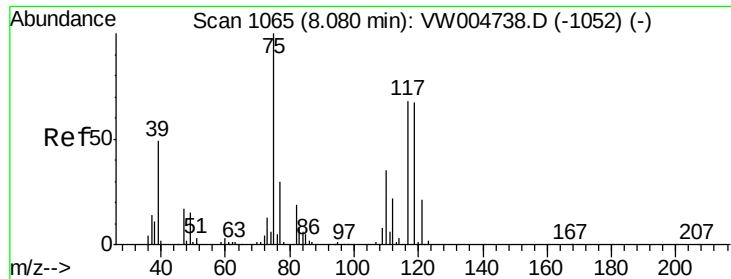
Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

192 20.9 16.7 25.1

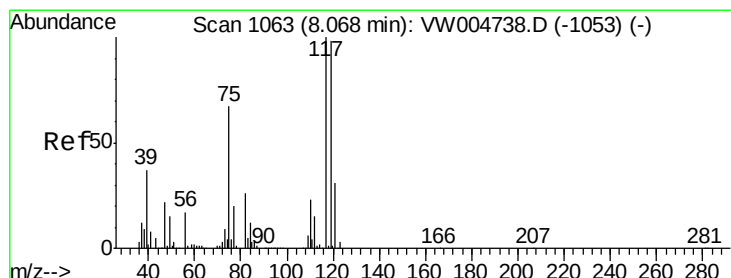
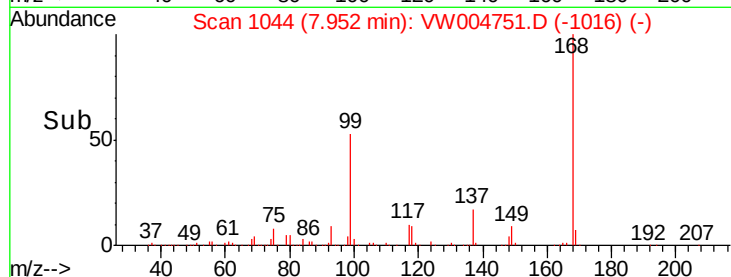
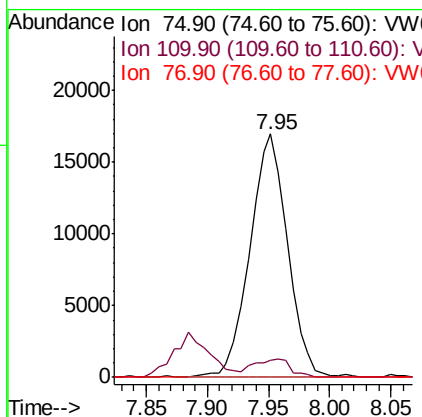
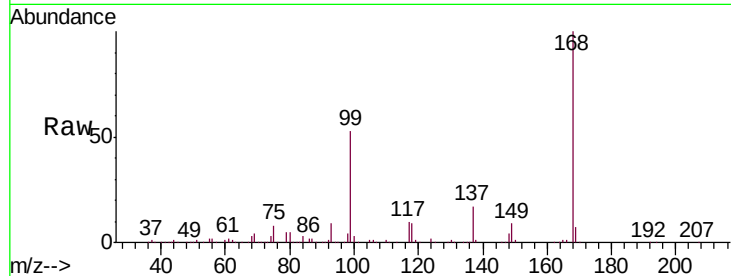




#36
 1,1-Dichloropropene
 Concen: 4.531 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004751.D
 Acq: 17 Aug 2018 23:39

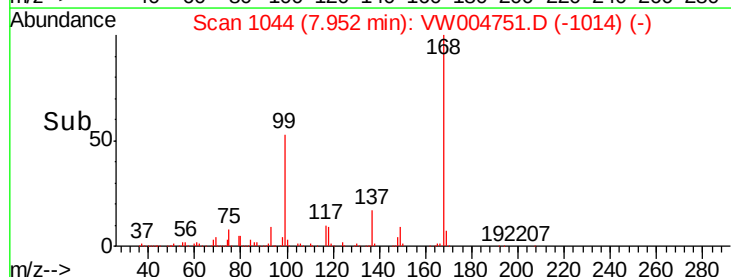
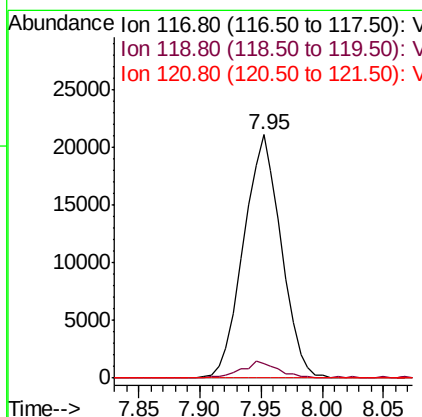
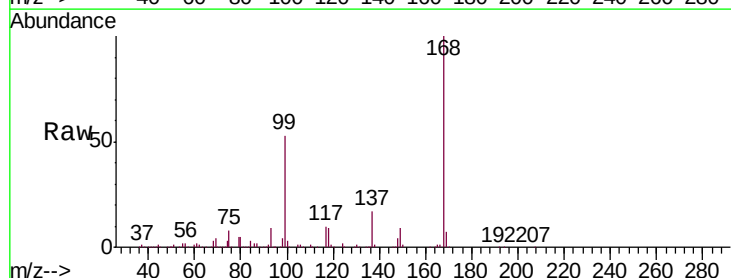
Instrument :
 MSVOA_W
 ClientSampleId :
 RA-080918-SW-002RE

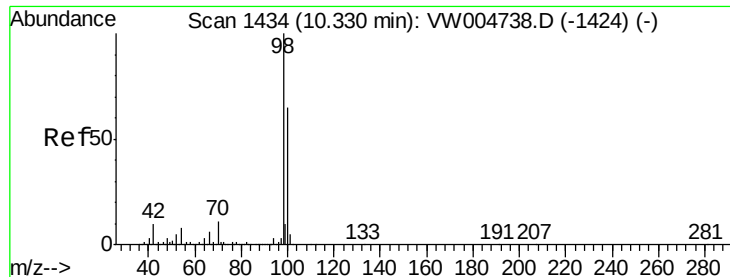
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.8	53.5#
77	0.1	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.129 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004751.D
 Acq: 17 Aug 2018 23:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.0	117.0#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 44.514 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004751.D

Acq: 17 Aug 2018 23:39

Instrument :

MSVOA_W

ClientSampleId :

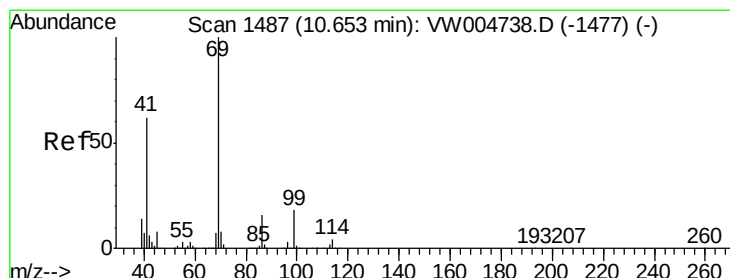
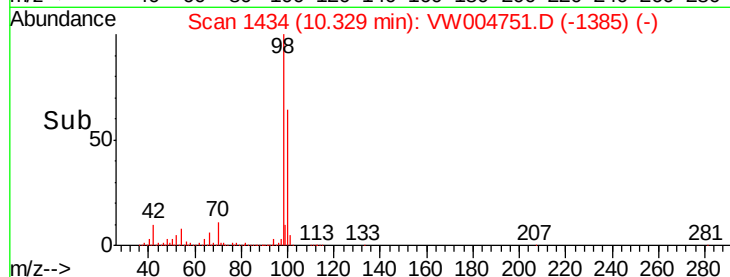
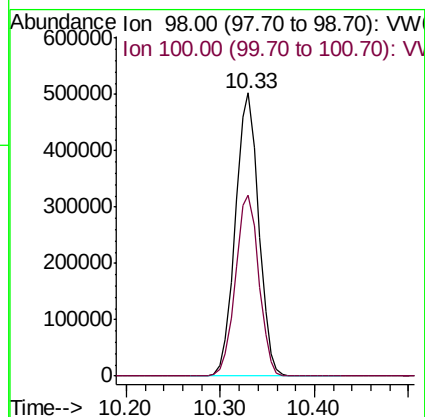
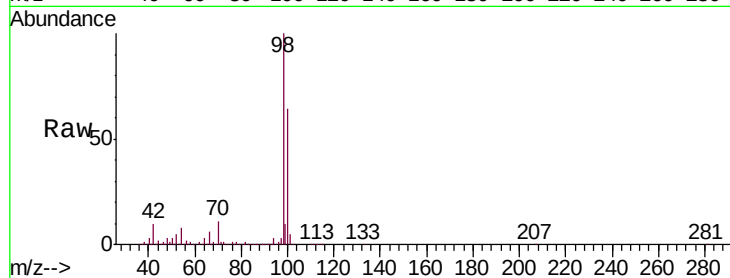
RA-080918-SW-002RE

Tgt Ion: 98 Resp: 863264

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.8



#56

Ethyl methacrylate

Concen: 2.989 ug/l

RT: 10.66 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW004751.D

Acq: 17 Aug 2018 23:39

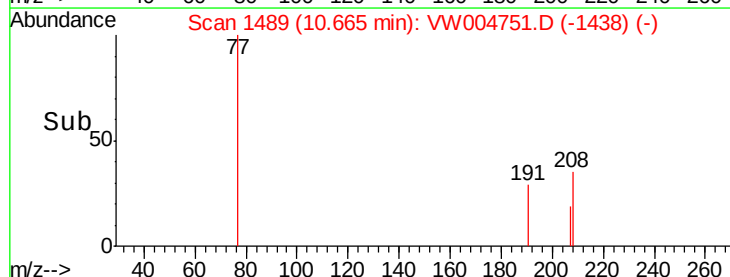
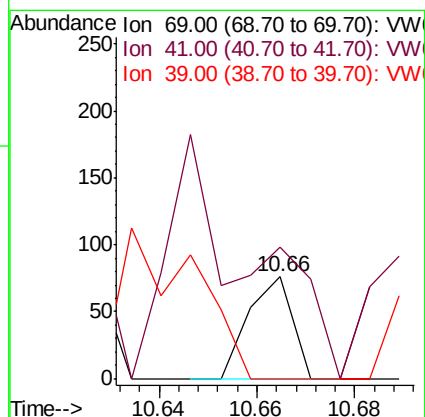
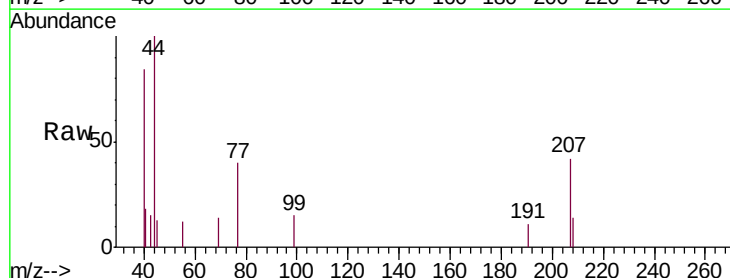
Tgt Ion: 69 Resp: 47

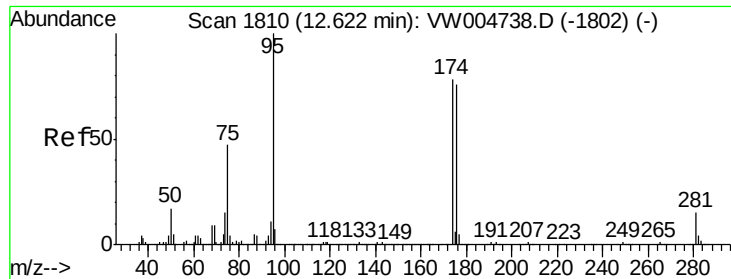
Ion Ratio Lower Upper

69 100

41 451.1 50.7 76.1#

39 0.0 21.4 32.2#

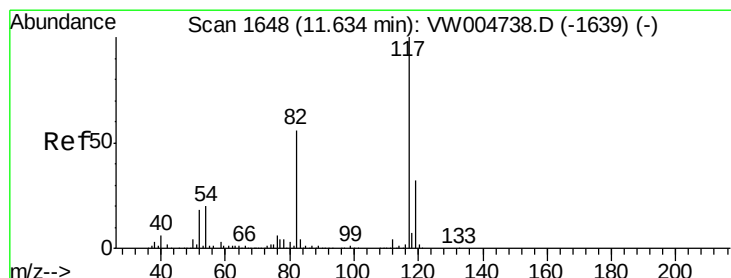
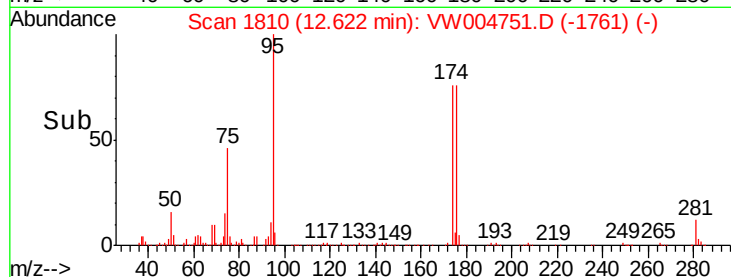
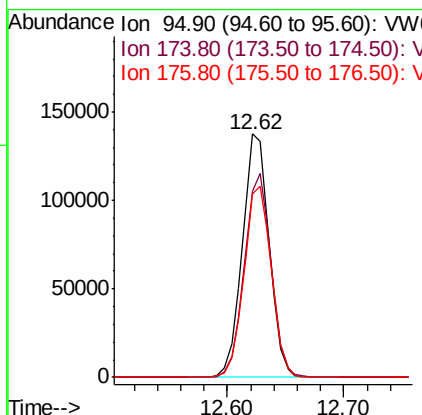
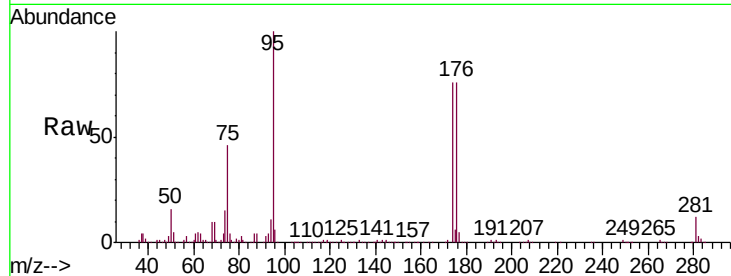




#62
4-Bromofluorobenzene
Concen: 31.759 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004751.D
Acq: 17 Aug 2018 23:39

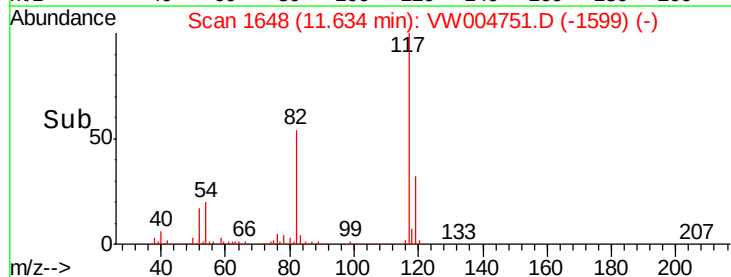
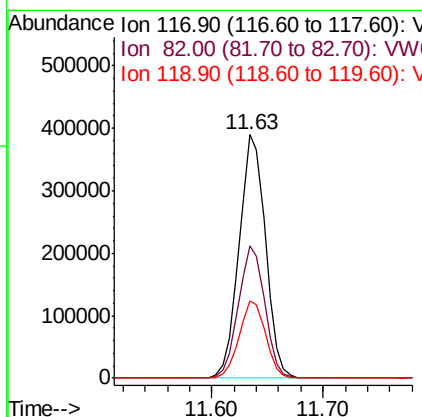
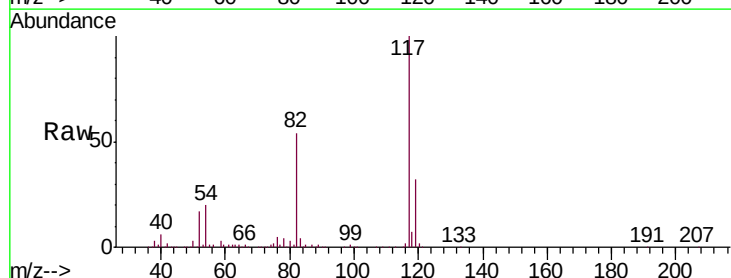
Instrument :
MSVOA_W
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RA-080918-SW-002RE

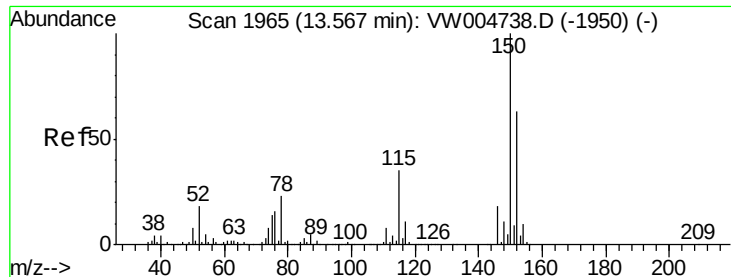
Tgt Ion: 95 Resp: 221577
Ion Ratio Lower Upper
95 100
174 83.5 0.0 165.8
176 79.9 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004751.D
Acq: 17 Aug 2018 23:39

Tgt Ion: 117 Resp: 638421
Ion Ratio Lower Upper
117 100
82 54.5 44.6 67.0
119 31.6 25.6 38.4

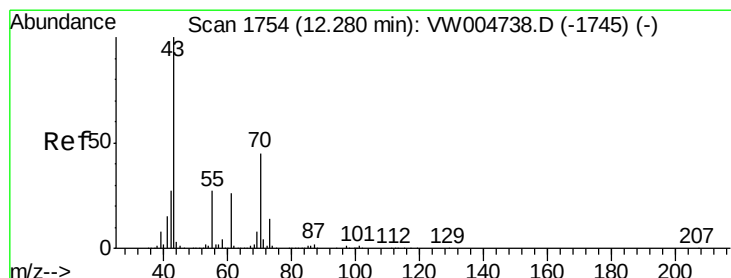
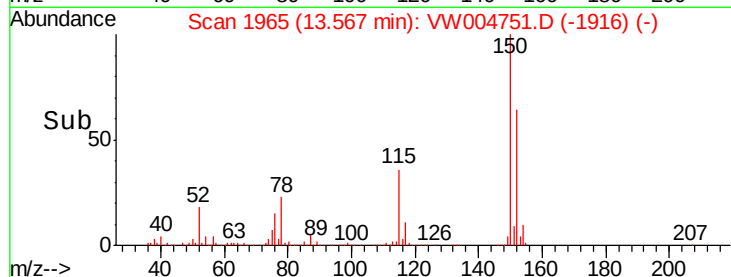
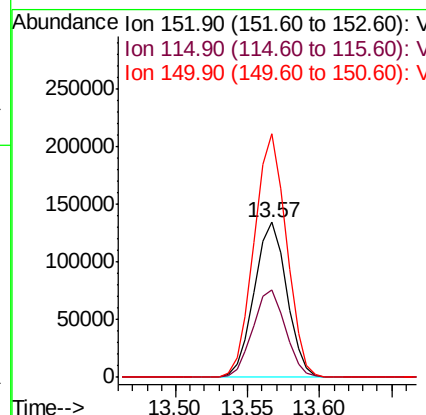
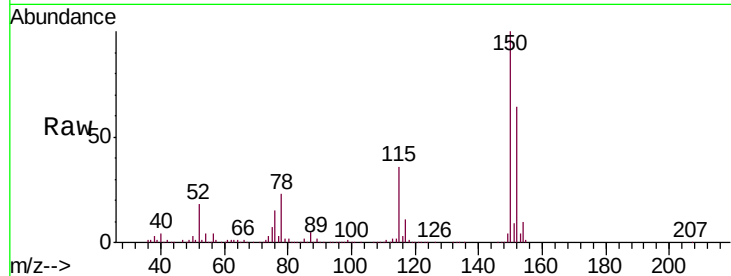




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW004751.D
 Acq: 17 Aug 2018 23:39

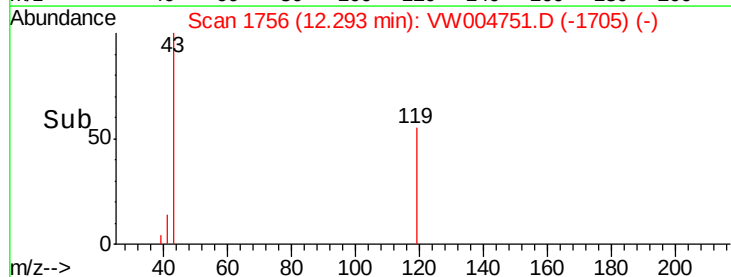
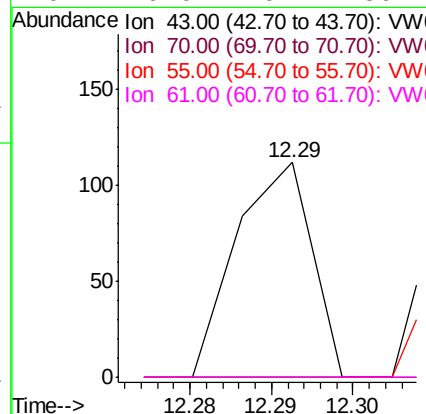
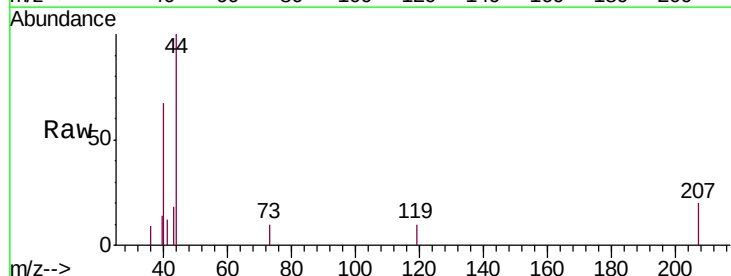
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 ClientSampleId :
 RA-080918-SW-002RE

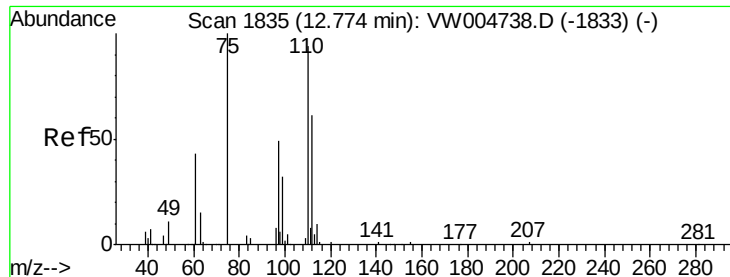
Tgt Ion:152 Resp: 209681
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.5 85.5
 150 156.4 0.0 344.8



#74
 N-ethyl acetate
 Concen: 4.039 ug/l
 RT: 12.29 min Scan# 1756
 Delta R.T. 0.01 min
 Lab File: VW004751.D
 Acq: 17 Aug 2018 23:39

Tgt Ion: 43 Resp: 72
 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: 55.818 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004751.D

Acq: 17 Aug 2018 23:39

Instrument :

MSVOA_W

ClientSampleId :

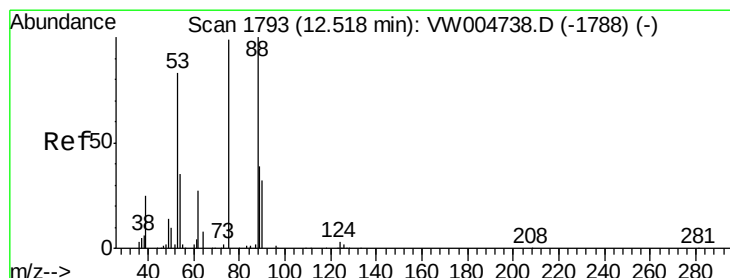
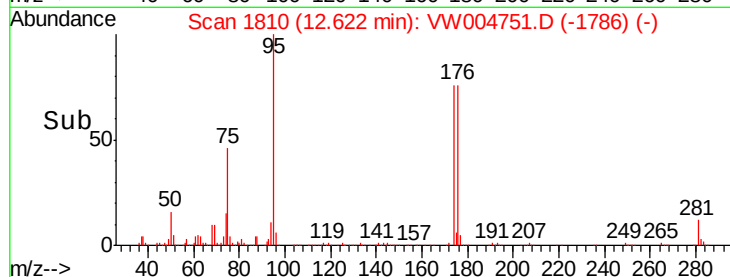
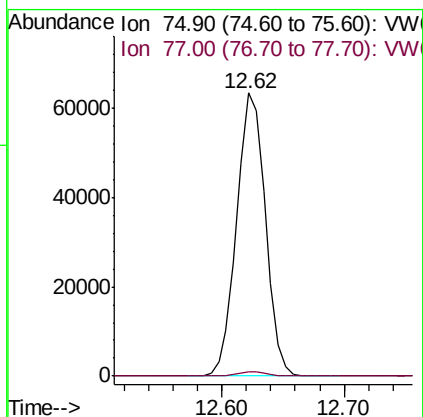
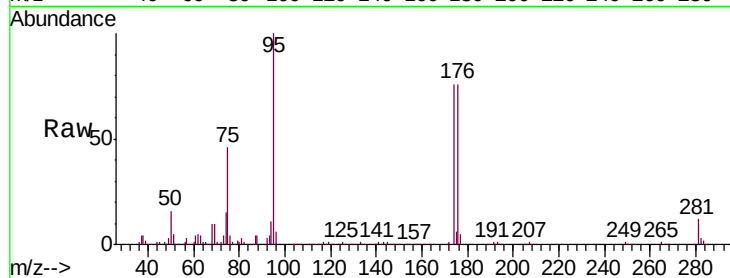
RA-080918-SW-002RE

Tgt Ion: 75 Resp: 103174

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.737 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004751.D

Acq: 17 Aug 2018 23:39

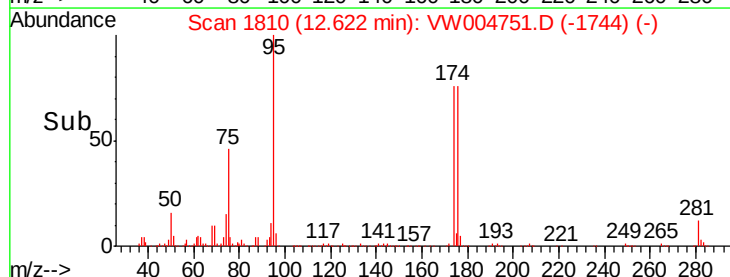
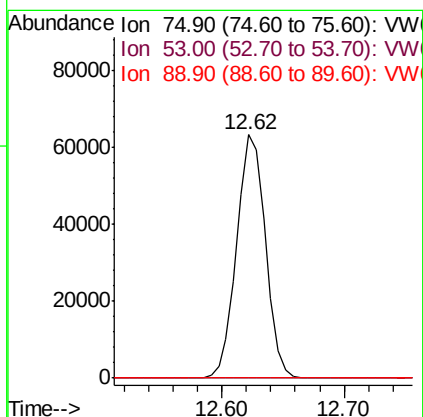
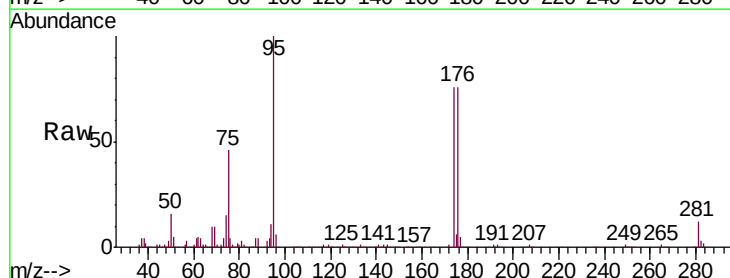
Tgt Ion: 75 Resp: 103174

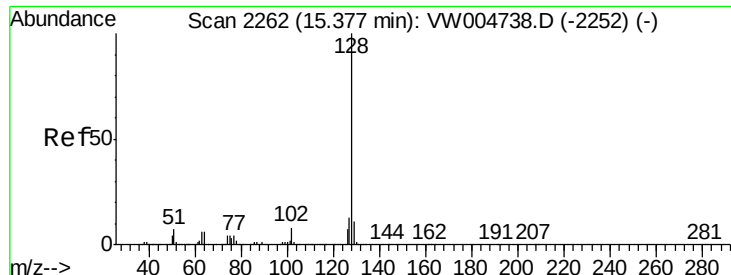
Ion Ratio Lower Upper

75 100

53 0.4 72.2 108.4#

89 0.1 35.2 52.8#





#95
Naphthalene
Concen: 3.666 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VW004751.D
Acq: 17 Aug 2018 23:39

Instrument :
MSVOA_W
ClientSampleId :
RA-080918-SW-002RE

Tgt Ion:128 Resp: 1468
Ion Ratio Lower Upper
128 100
127 12.0 10.4 15.6
129 16.3 8.6 13.0#

