

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004766.D
 Acq On : 18 Aug 2018 07:48
 Operator : SY/AP
 Sample : J4500-13
 Misc : 6.36G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-7

Quant Time: Aug 20 11:59:26 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	576076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1002711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	834228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	278024	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	343530	61.68	ug/l	0.00
Spiked Amount			Recovery	=	123.36%	
35) Dibromofluoromethane	7.89	113	332727	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
50) Toluene-d8	10.33	98	1124047	44.93	ug/l	0.00
Spiked Amount			Recovery	=	89.86%	
62) 4-Bromofluorobenzene	12.63	95	304272	33.81	ug/l	0.00
Spiked Amount			Recovery	=	67.62%	

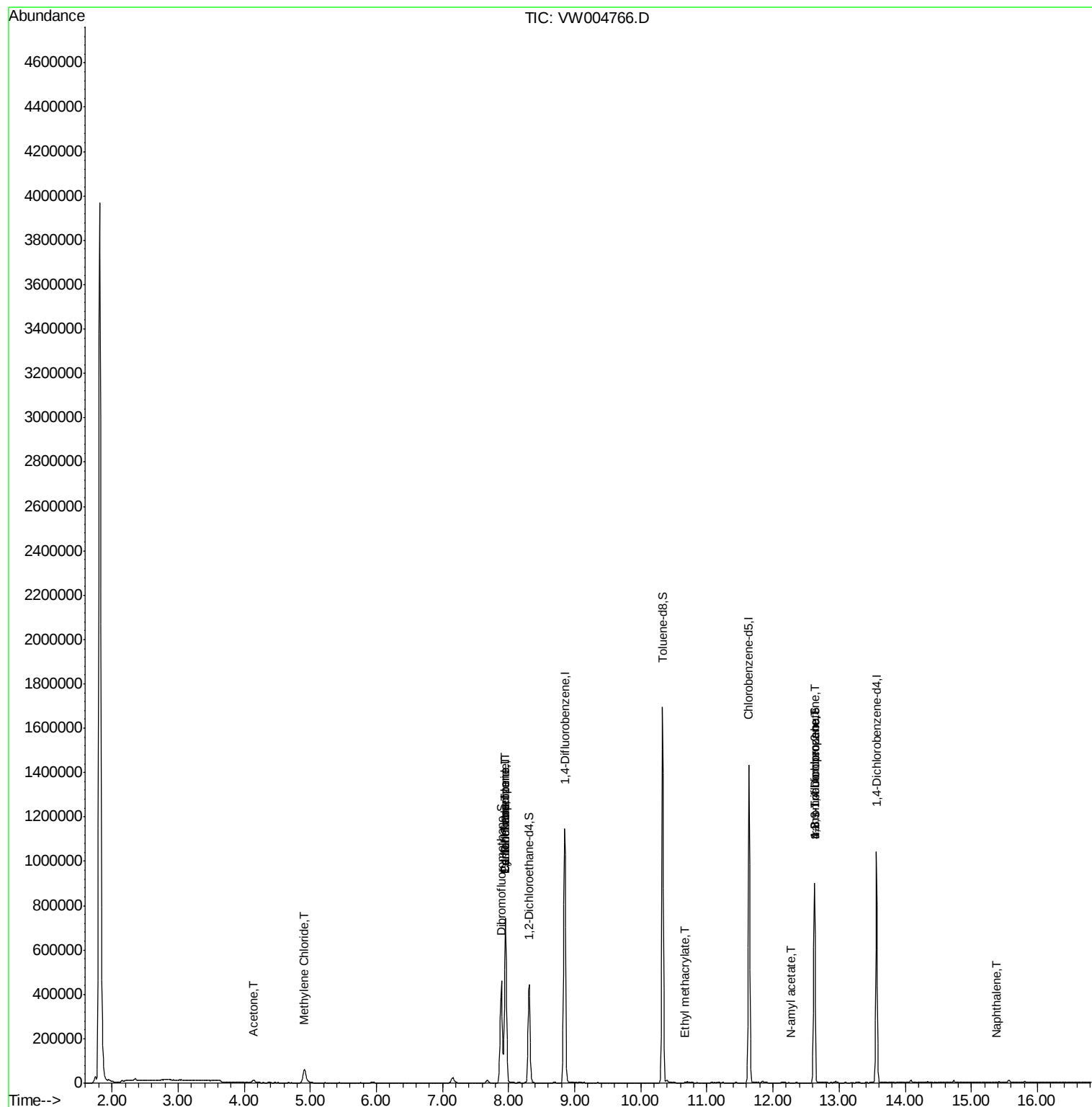
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	20707	14.56	ug/l	99
20) Methylene Chloride	4.92	84	53251	4.25	ug/l	98
31) Cyclohexane	7.95	56	11292	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	42876	4.15	ug/l #	49
38) Carbon Tetrachloride	7.95	117	52664	5.54	ug/l #	16
56) Ethyl methacrylate	10.66	69	79	2.99	ug/l #	1
74) N-amyl acetate	12.27	43	114	4.04	ug/l #	42
76) 1,2,3-Trichloropropane	12.62	75	143837	58.69	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	143837	136.41	ug/l #	13
95) Naphthalene	15.38	128	987	3.59	ug/l #	72

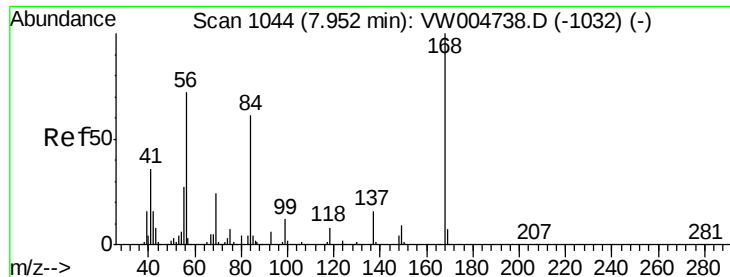
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004766.D

Acq: 18 Aug 2018 07:48

Instrument :

MSVOA_W

ClientSampled :

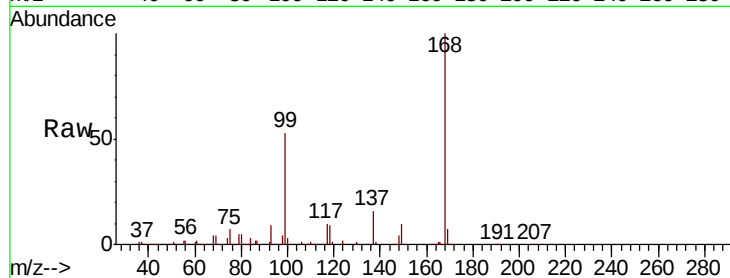
TP-7

Tot Ion:168 Resp: 576076

Ion Ratio Lower Upper

168 100

99 52.8 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

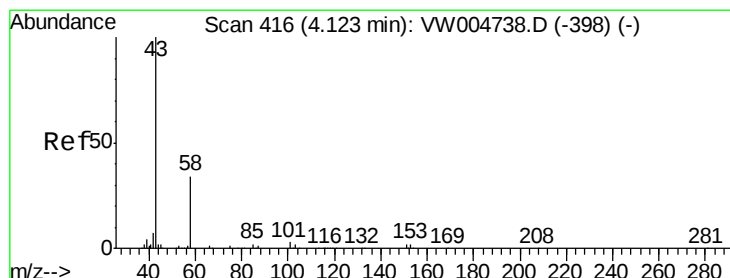
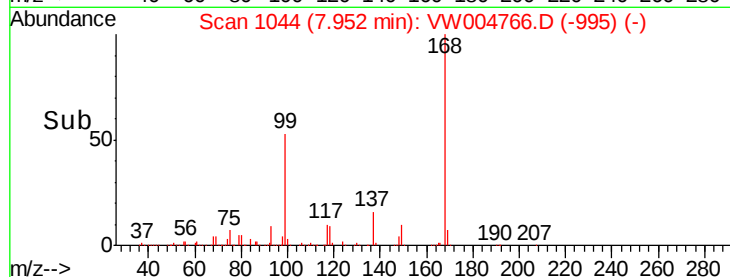
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 14.56 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004766.D

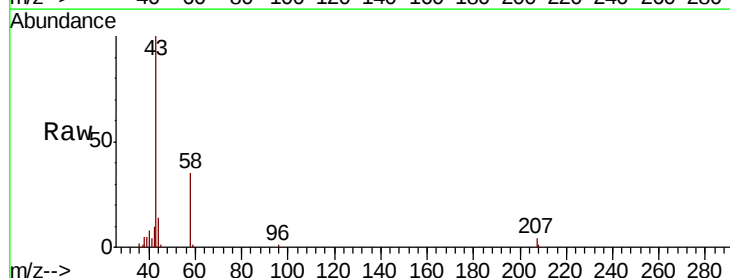
Acq: 18 Aug 2018 07:48

Tgt Ion: 43 Resp: 20707

Ion Ratio Lower Upper

43 100

58 34.7 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

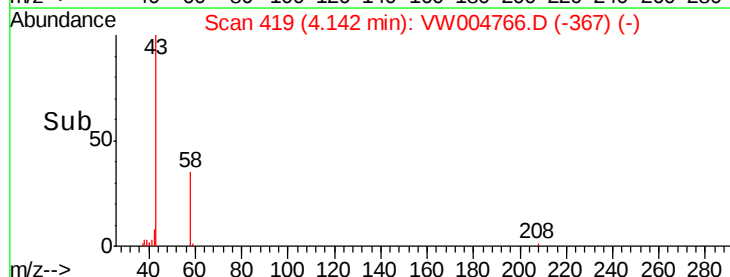
6000

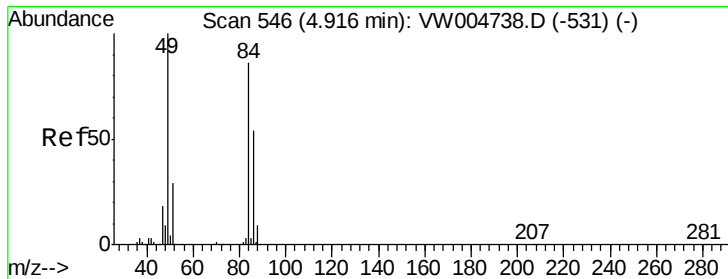
4000

2000

0

Time--> 4.00 4.10 4.20

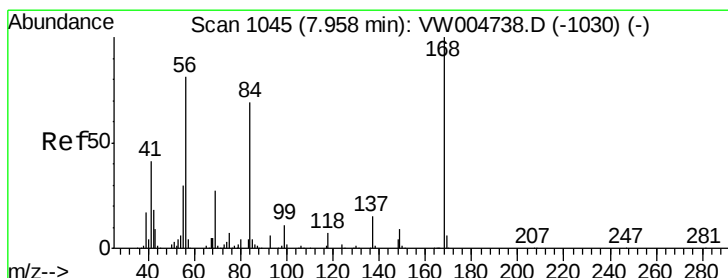
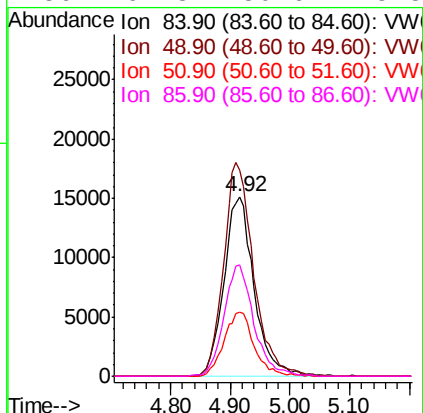
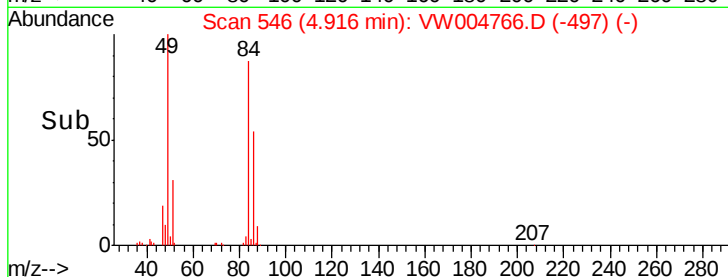
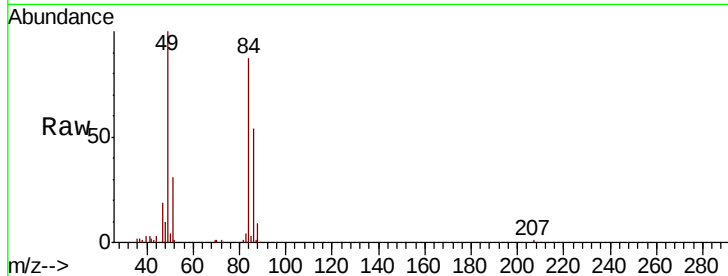




#20
Methvlene Chloride
Concen: 4.25 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004766.D
Acq: 18 Aug 2018 07:48

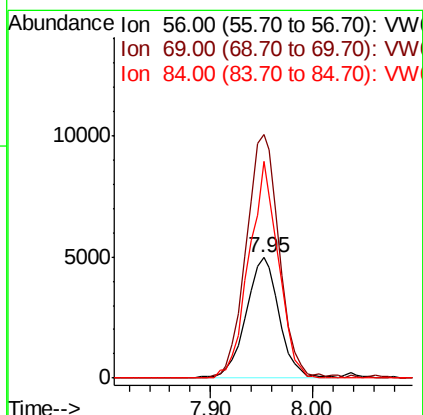
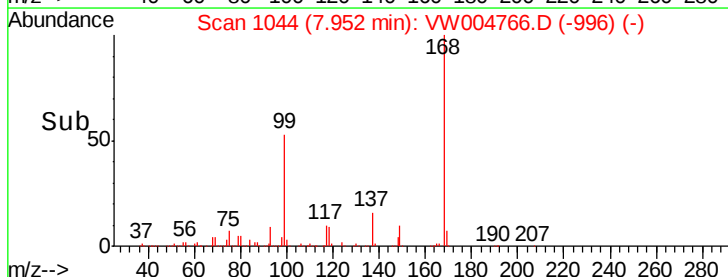
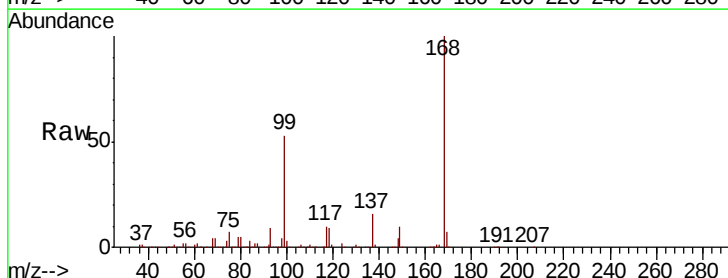
Instrument :
MSVOA_W
ClientSampled :
TP-7

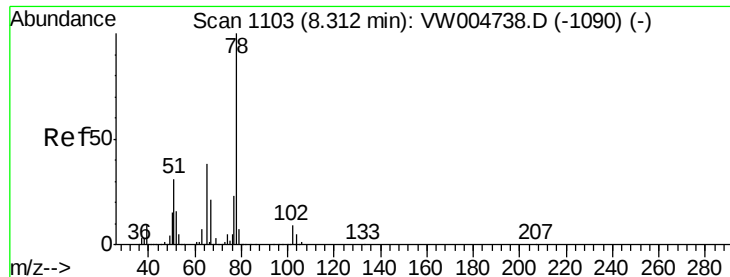
Tot Ion:	84	Resp:	53251
Ion	Ratio	Lower	Upper
84	100		
49	114.8	93.2	139.8
51	35.6	27.4	41.0
86	62.3	50.6	75.8



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004766.D
Acq: 18 Aug 2018 07:48

Tgt Ion:	56	Resp:	11292
Ion	Ratio	Lower	Upper
56	100		
69	202.3	27.1	40.7#
84	180.5	68.3	102.5#





#33

1,2-Dichloroethane-d4

Concen: 61.68 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004766.D

Acq: 18 Aug 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

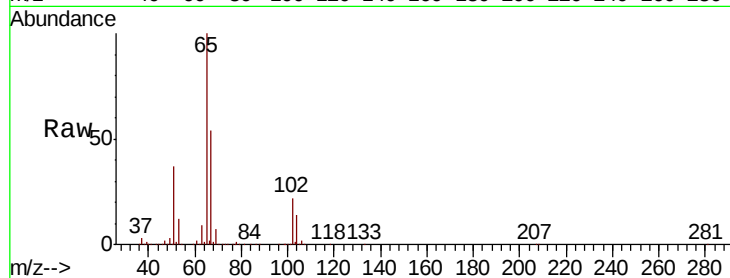
TP-7

Tot Ion: 65 Resp: 343530

Ion Ratio Lower Upper

65 100

67 54.2 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

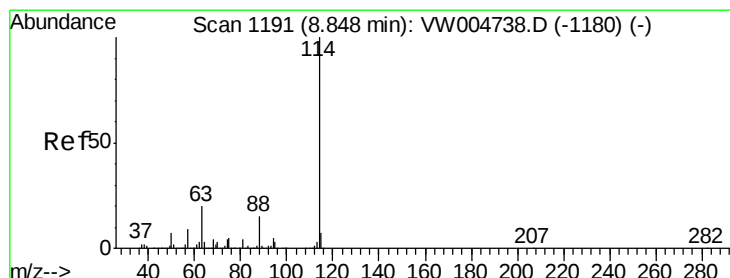
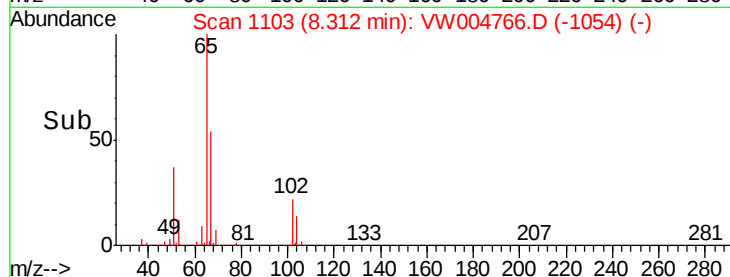
100000

50000

0

8.20 8.30 8.40 8.50

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004766.D

Acq: 18 Aug 2018 07:48

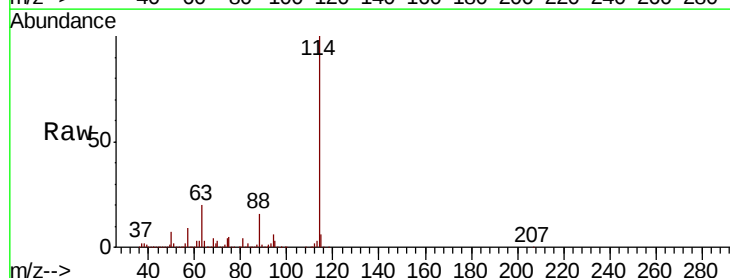
Tgt Ion: 114 Resp: 1002711

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

88 15.8 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

600000

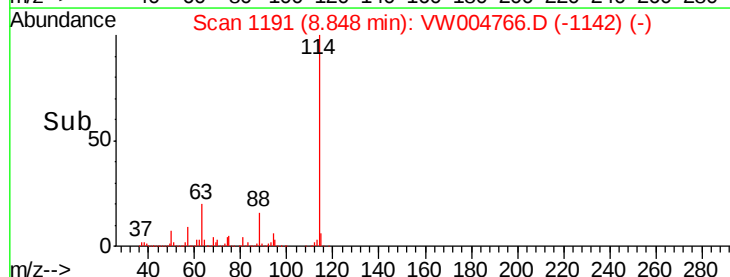
400000

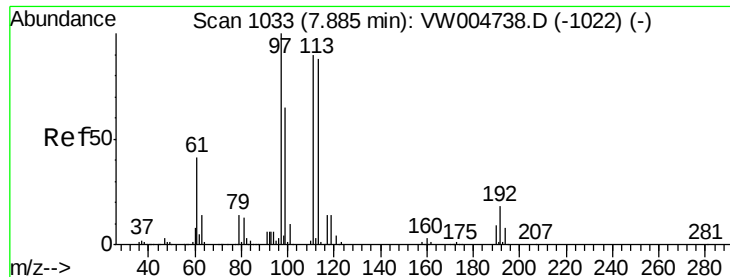
200000

0

8.70 8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 51.92 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004766.D

Acq: 18 Aug 2018 07:48

Instrument :
MSVOA_W
ClientSampled :
TP-7

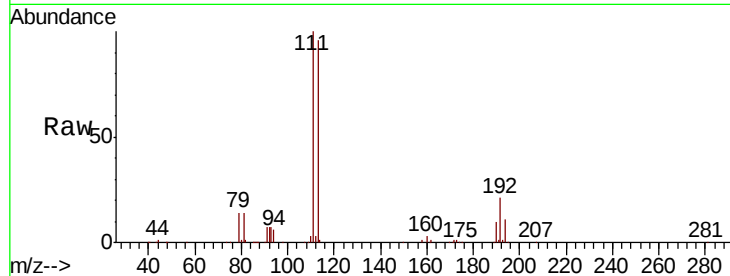
Tot Ion:113 Resp: 332727

Ion Ratio Lower Upper

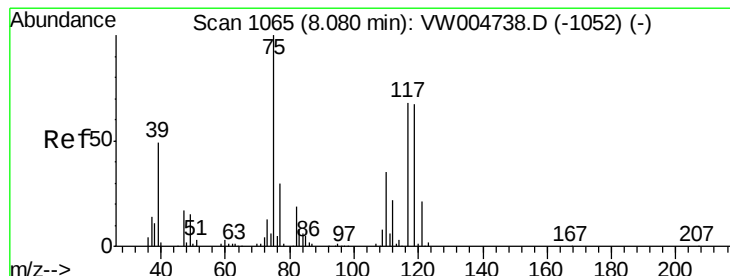
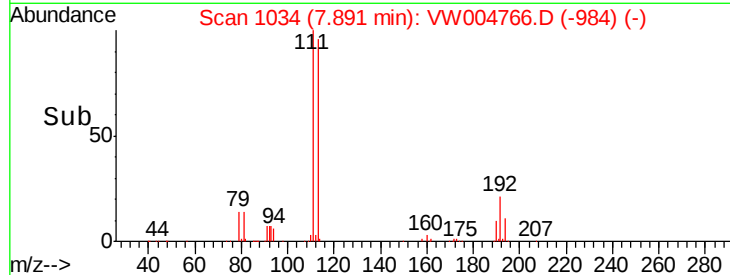
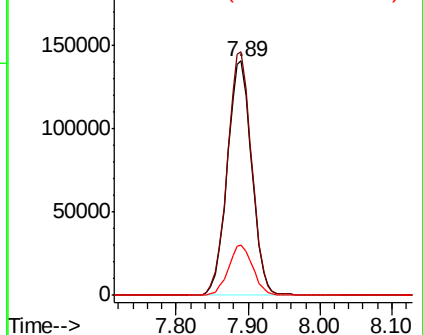
113 100

111 103.4 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: 4.15 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004766.D

Acq: 18 Aug 2018 07:48

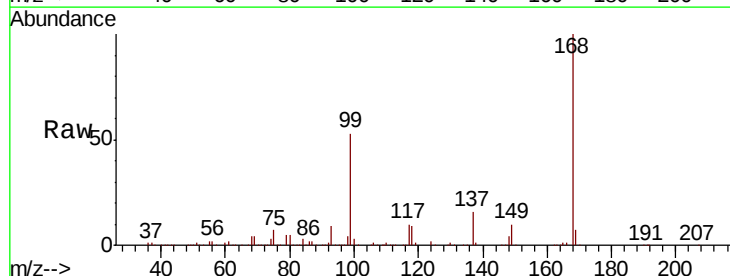
Tgt Ion: 75 Resp: 42876

Ion Ratio Lower Upper

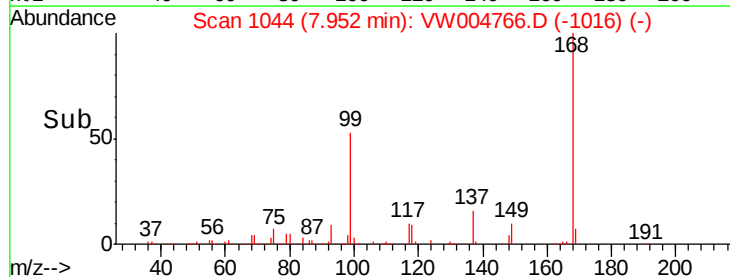
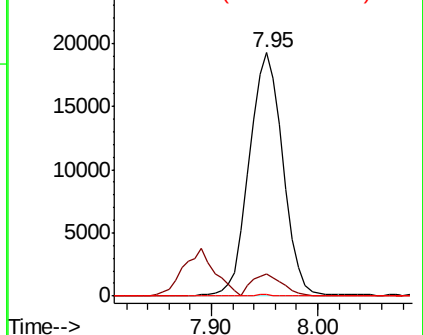
75 100

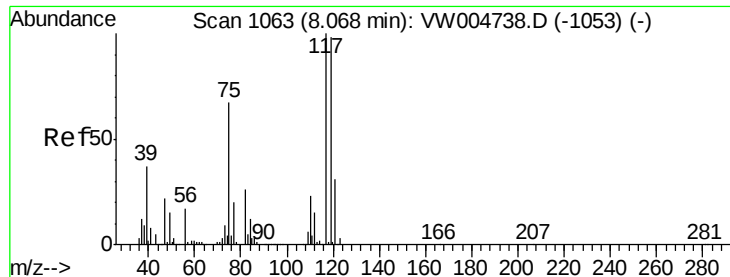
110 8.3 17.8 53.5#

77 0.2 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: 5.54 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004766.D

Acq: 18 Aug 2018 07:48

Instrument :

MSVOA_W

ClientSampleId :

TP-7

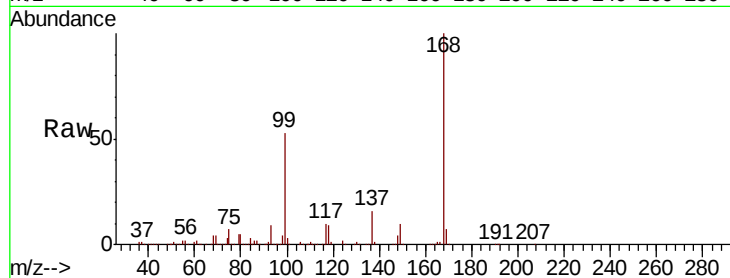
Tot Ion:117 Resp: 52664

Ion Ratio Lower Upper

117 100

119 5.4 78.0 117.0#

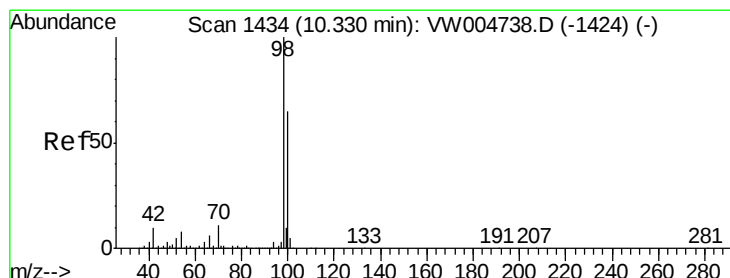
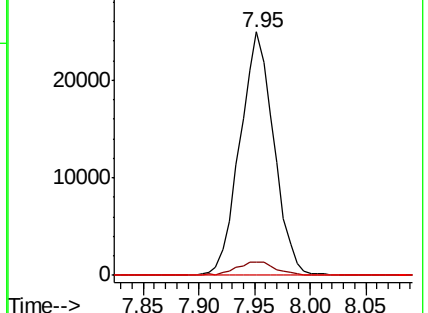
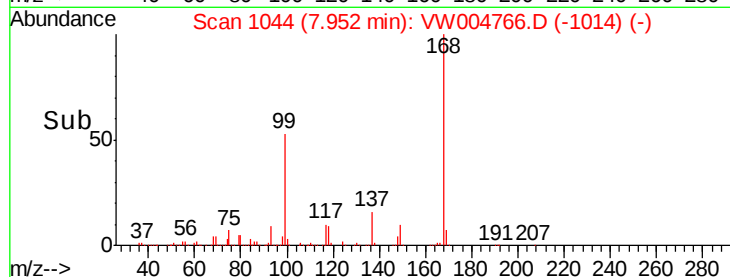
121 0.0 24.8 37.2#



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: 44.93 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004766.D

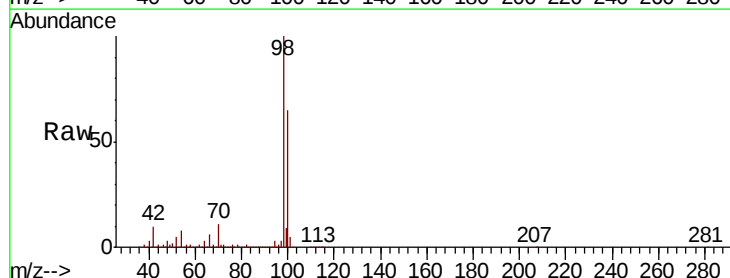
Acq: 18 Aug 2018 07:48

Tgt Ion: 98 Resp: 1124047

Ion Ratio Lower Upper

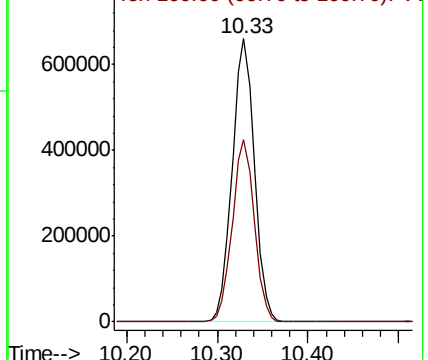
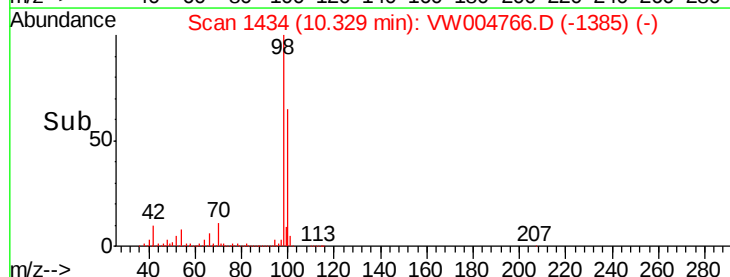
98 100

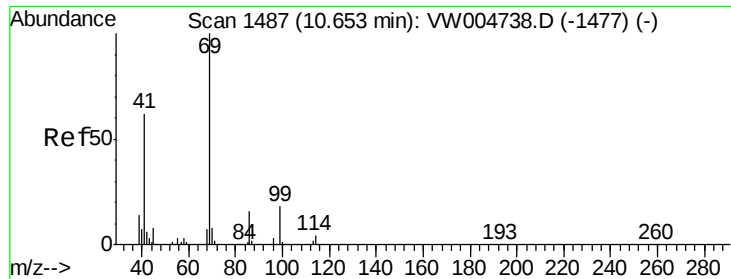
100 63.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 2.99 ug/l

RT: 10.66 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW004766.D

Acq: 18 Aug 2018 07:48

Instrument :

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TP-7

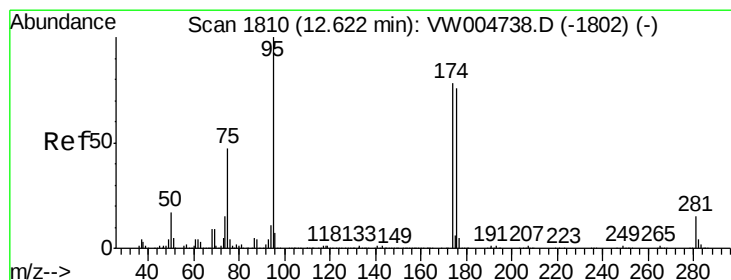
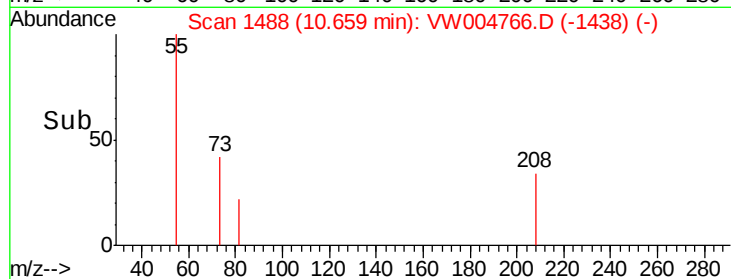
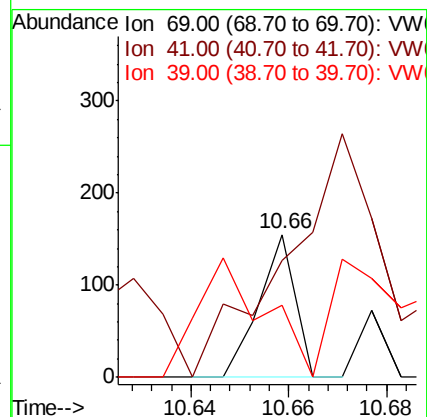
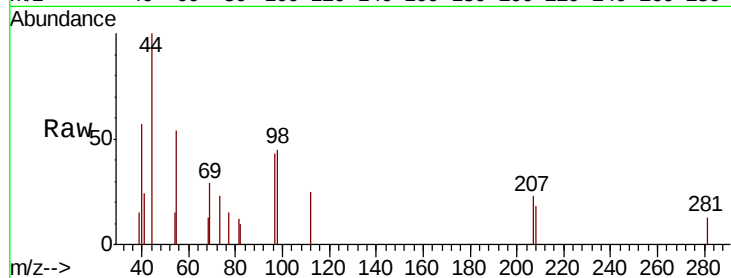
Tot Ion: 69 Resp: 79

Ion Ratio Lower Upper

69 100

41 0.0 50.7 76.1#

39 154.4 21.4 32.2#



#62

4-Bromofluorobenzene

Concen: 33.81 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004766.D

Acq: 18 Aug 2018 07:48

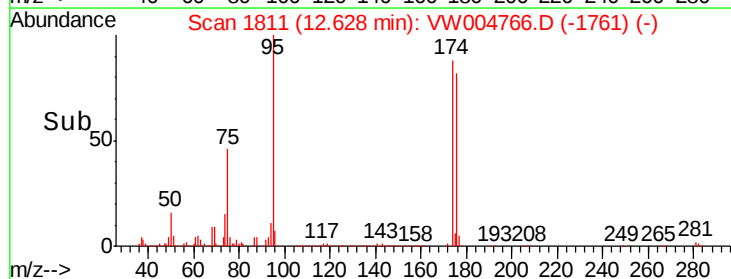
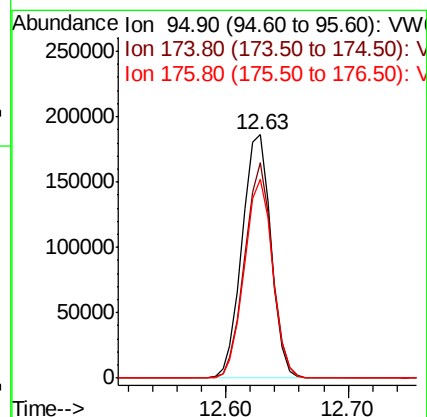
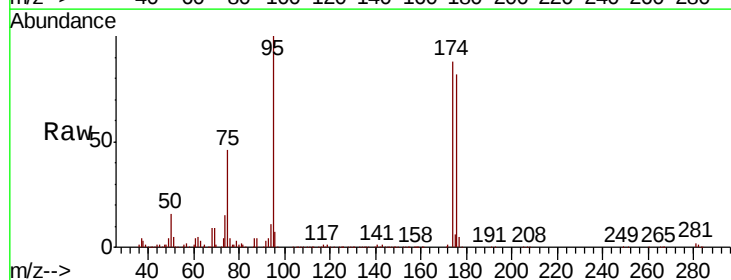
Tgt Ion: 95 Resp: 304272

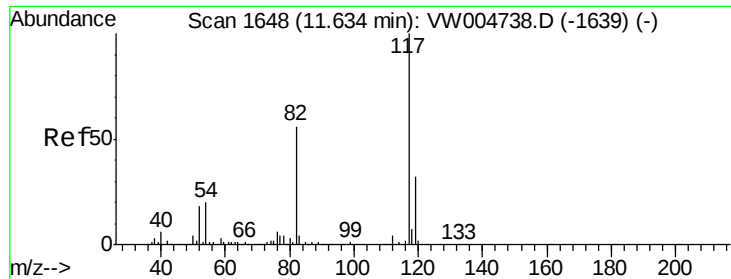
Ion Ratio Lower Upper

95 100

174 84.7 0.0 165.8

176 80.4 0.0 159.8

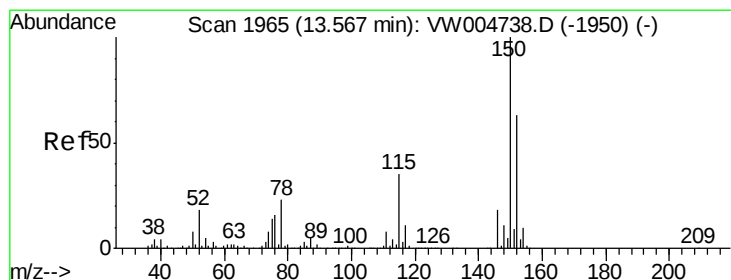
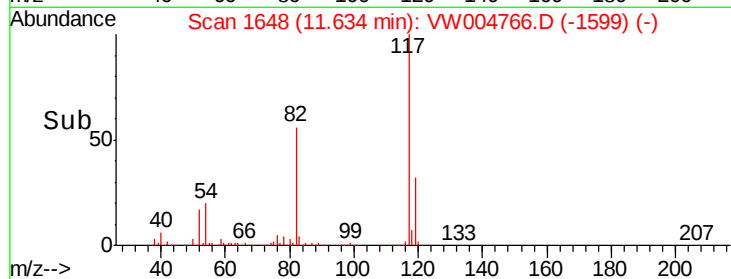
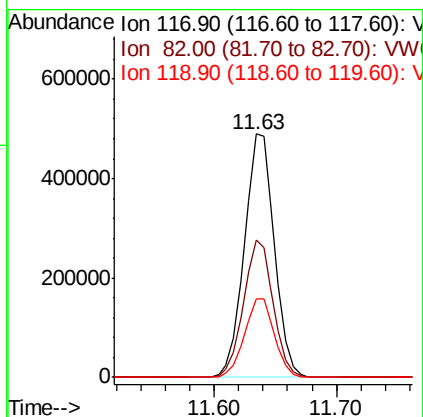
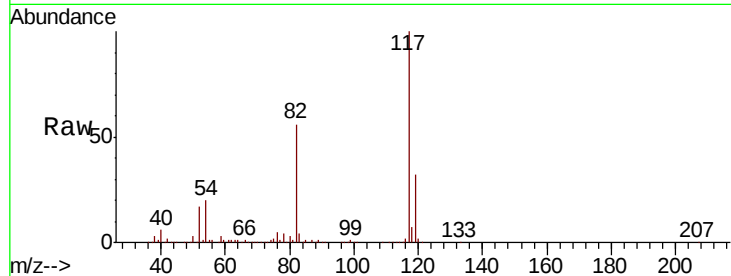




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004766.D
Acq: 18 Aug 2018 07:48

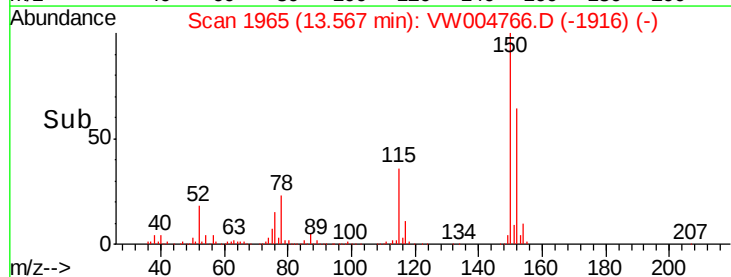
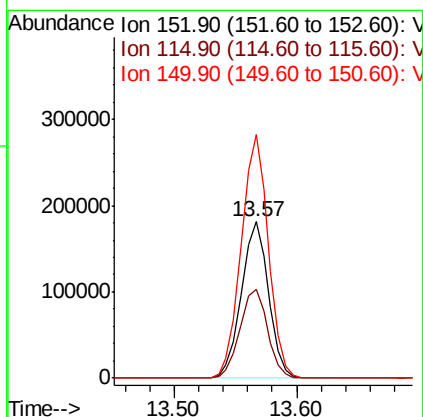
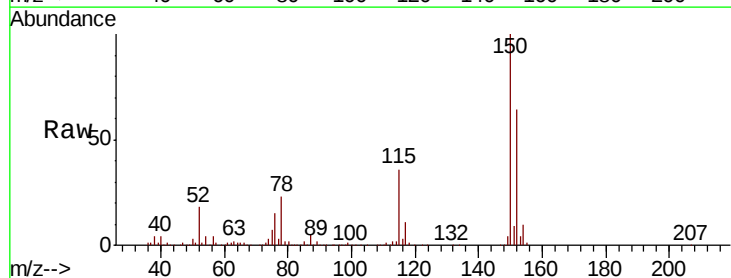
Instrument :
MSVOA_W
ClientSampleId :
TP-7

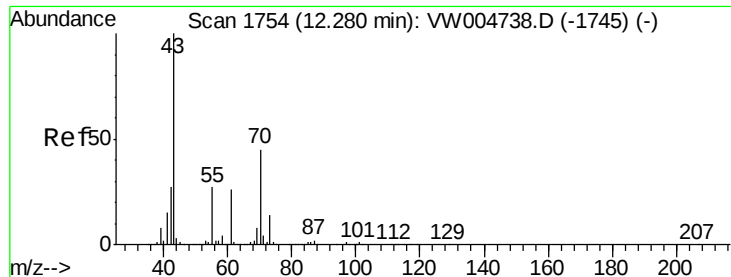
Tot Ion:117 Resp: 834228
Ion Ratio Lower Upper
117 100
82 56.4 44.6 67.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004766.D
Acq: 18 Aug 2018 07:48

Tgt Ion:152 Resp: 278024
Ion Ratio Lower Upper
152 100
115 57.7 28.5 85.5
150 155.5 0.0 344.8

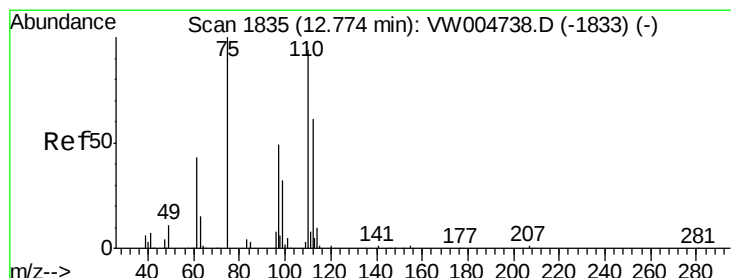
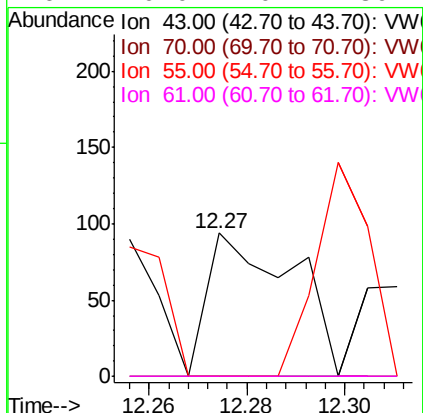
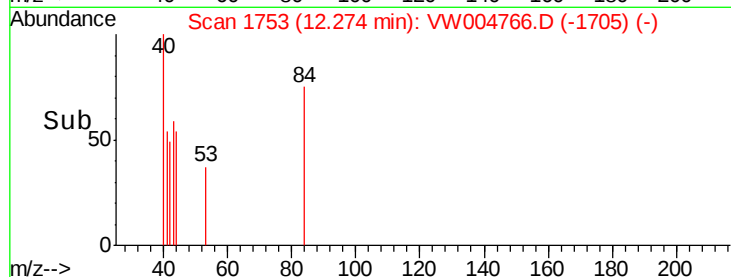
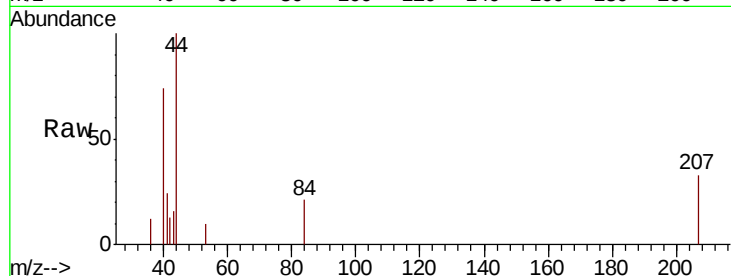




#74
N-amvl acetate
Concen: 4.04 ug/l
RT: 12.27 min Scan# 1753
Delta R.T. -0.01 min
Lab File: VW004766.D
Acq: 18 Aug 2018 07:48

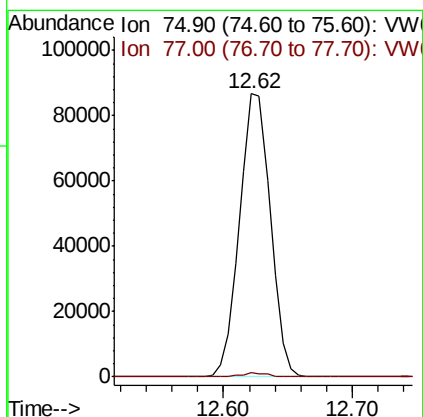
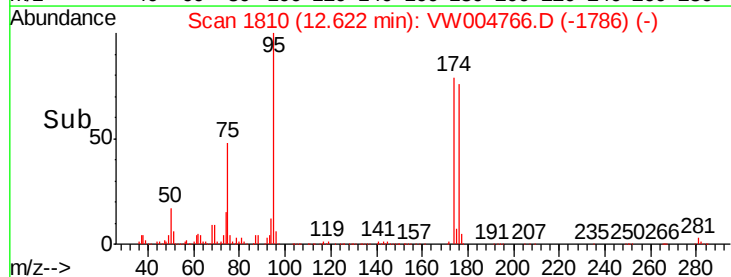
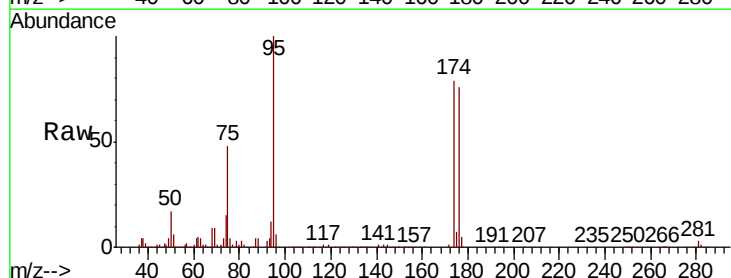
Instrument :
MSVOA_W
ClientSampled :
TP-7

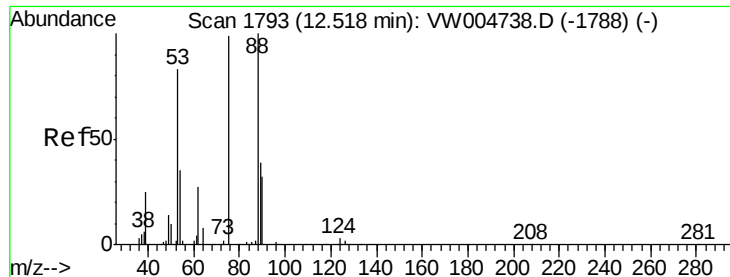
Tot Ion: 43 Resp: 114
Ion Ratio Lower Upper
43 100
70 0.0 36.3 54.5#
55 52.6 22.6 33.8#
61 0.0 20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 58.69 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004766.D
Acq: 18 Aug 2018 07:48

Tgt Ion: 75 Resp: 143837
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

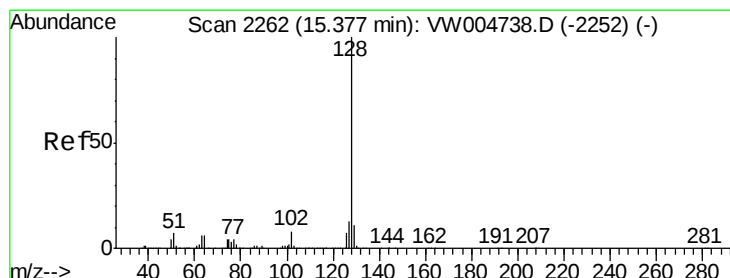
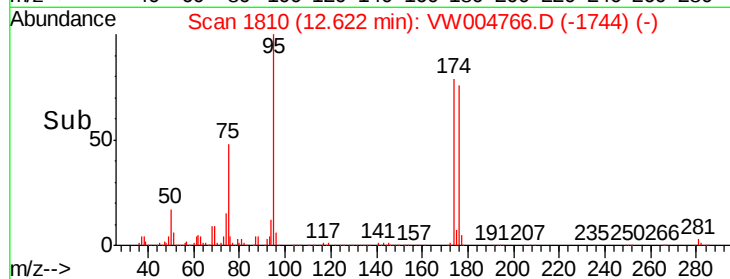
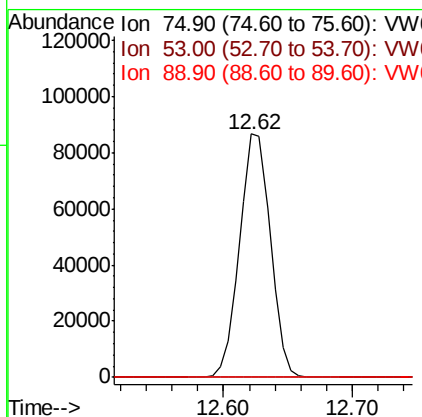
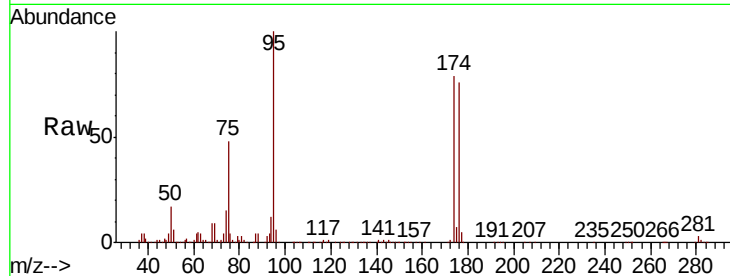




#81
trans-1,4-Dichloro-2-butene
Concen: 136.41 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004766.D
Acq: 18 Aug 2018 07:48

Instrument :
MSVOA_W
ClientSampled :
TP-7

Tot Ion: 75 Resp: 143837
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.4#
89 0.0 35.2 52.8#



#95
Naphthalene
Concen: 3.59 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004766.D
Acq: 18 Aug 2018 07:48

Tgt Ion: 128 Resp: 987
Ion Ratio Lower Upper
128 100
127 1.9 10.4 15.6#
129 0.0 8.6 13.0#

