

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004767.D
 Acq On : 18 Aug 2018 08:14
 Operator : SY/AP
 Sample : J4500-17
 Misc : 7.39G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-12

Quant Time: Aug 20 11:59:37 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	562805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	960396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	796908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	255685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	314477	57.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.60%	
35) Dibromofluoromethane	7.89	113	312216	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	10.33	98	1065989	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	
62) 4-Bromofluorobenzene	12.63	95	270411	31.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.74%	

Target Compounds

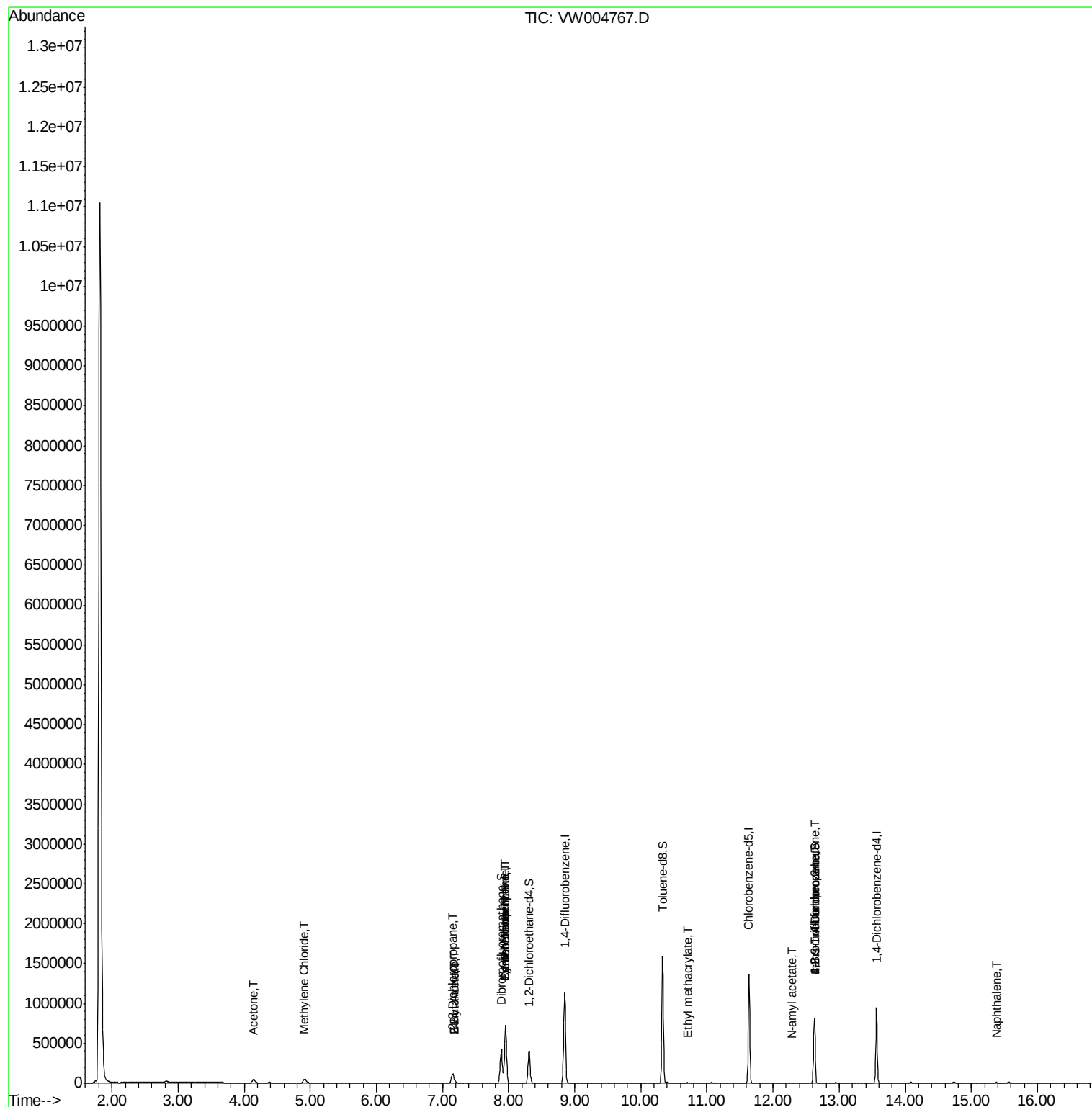
						Qvalue
16) Acetone	4.14	43	82420	59.34	ug/l	99
20) Methylene Chloride	4.91	84	43176	2.73	ug/l	95
25) 2-Butanone	7.18	43	13706	6.93	ug/l #	88
26) 2,2-Dichloropropane	7.15	77	8372	1.32	ug/l #	50
31) Cyclohexane	7.95	56	10815	1.02	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	42023	4.25	ug/l #	48
37) Ethyl Acetate	7.18	43	13706	3.48	ug/l #	68
38) Carbon Tetrachloride	7.95	117	52409	5.75	ug/l #	15
56) Ethyl methacrylate	10.70	69	49	2.99	ug/l #	1
74) N-amyl acetate	12.28	43	101	4.04	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	131761	58.46	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	131761	135.87	ug/l #	14
95) Naphthalene	15.38	128	4134	3.87	ug/l #	91

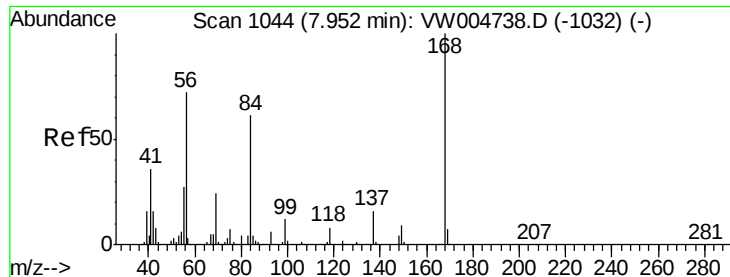
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081918\
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Acq On : 18 Aug 2018 08:14
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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: VW004767.D

Acq: 18 Aug 2018 08:14

Instrument :

MSVOA_W

ClientSampleId :

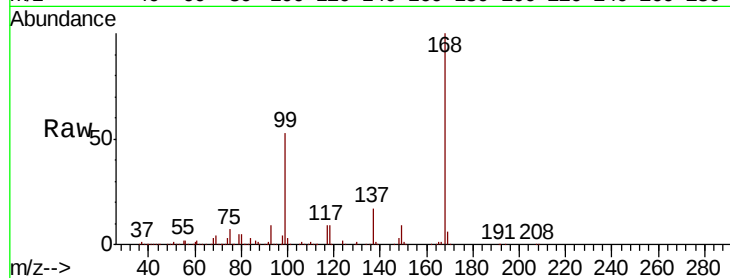
TP-12

Tot Ion:168 Resp: 562805

Ion Ratio Lower Upper

168 100

99 53.2 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

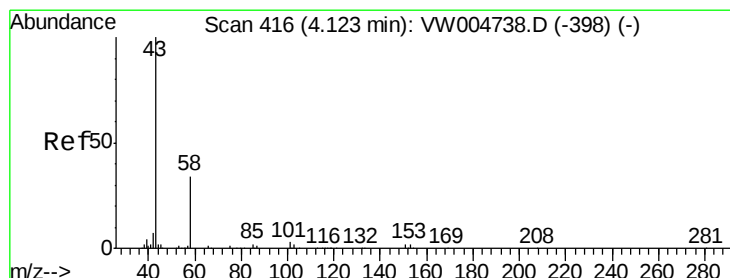
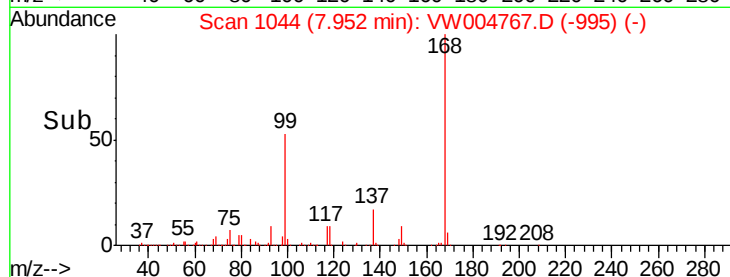
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 59.34 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004767.D

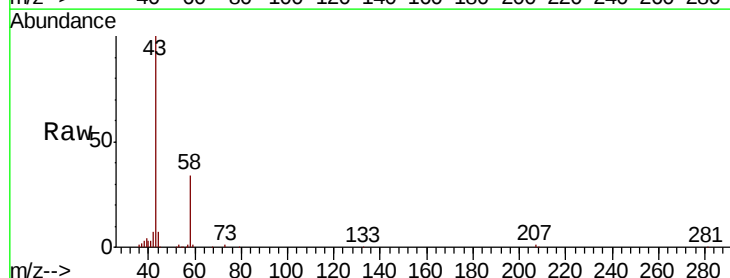
Acq: 18 Aug 2018 08:14

Tgt Ion: 43 Resp: 82420

Ion Ratio Lower Upper

43 100

58 34.5 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

30000

25000

20000

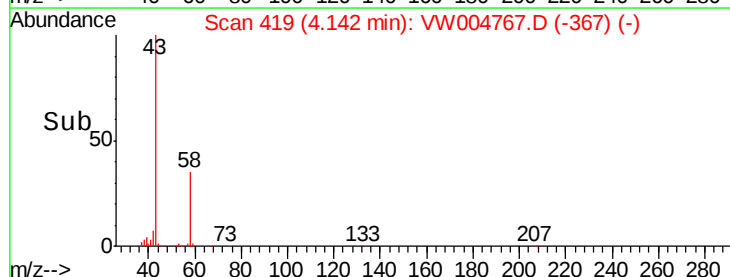
15000

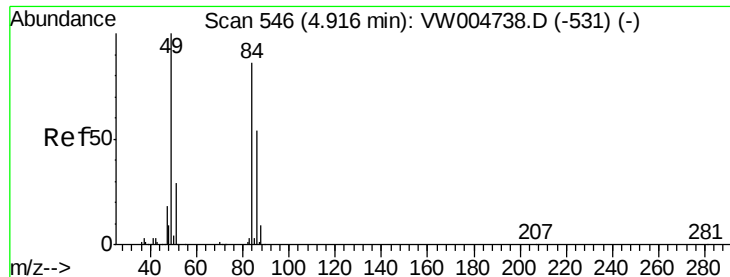
10000

5000

0

Time-->

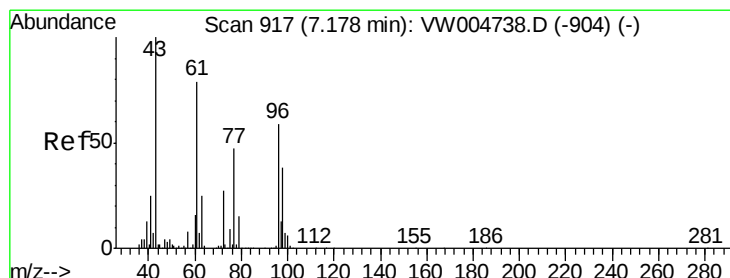
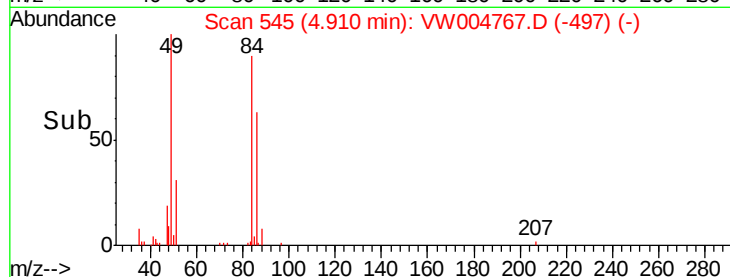
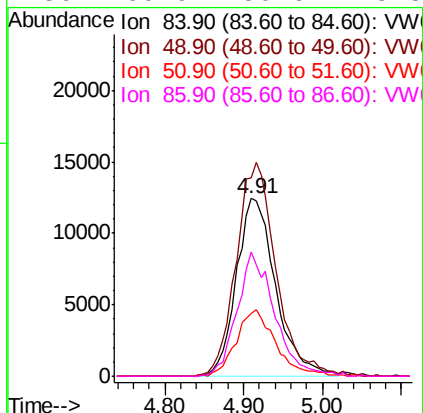
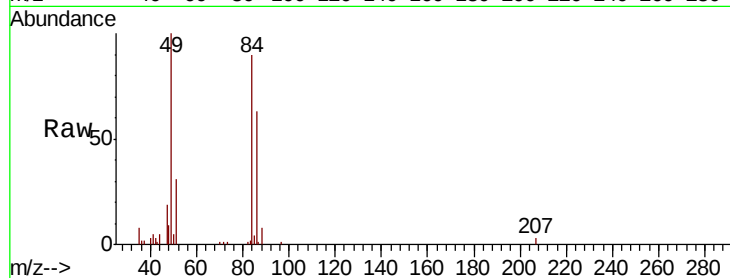




#20
Methylene Chloride
Concen: 2.73 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004767.D
Acq: 18 Aug 2018 08:14

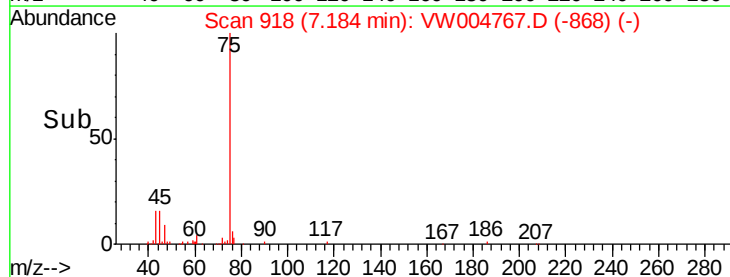
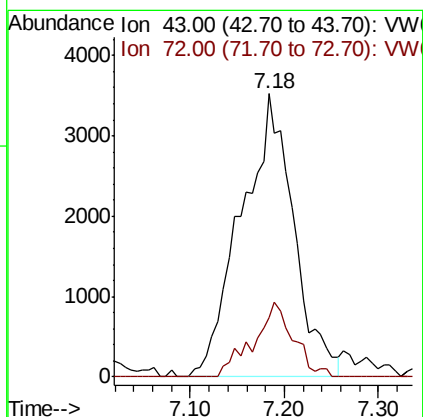
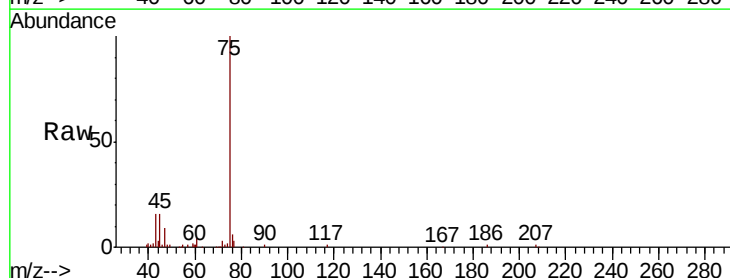
Instrument :
MSVOA_W
ClientSampleId :
TP-12

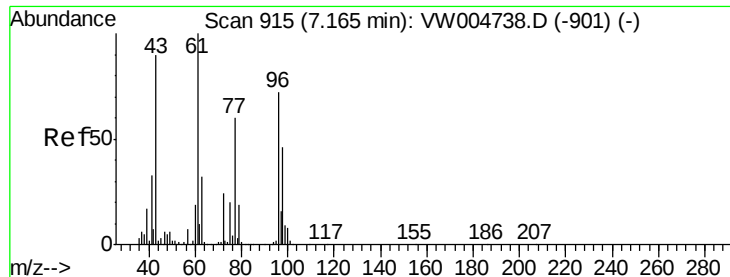
Tot Ion:	84	Resp:	43176
Ion	Ratio	Lower	Upper
84	100		
49	111.7	93.2	139.8
51	35.0	27.4	41.0
86	69.9	50.6	75.8



#25
2-Butanone
Concen: 6.93 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW004767.D
Acq: 18 Aug 2018 08:14

Tgt Ion:	43	Resp:	13706
Ion	Ratio	Lower	Upper
43	100		
72	21.0	22.0	33.0#





#26

2,2-Dichloropropane

Concen: 1.32 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW004767.D

Acq: 18 Aug 2018 08:14

Instrument :

MSVOA_W

ClientSampleId :

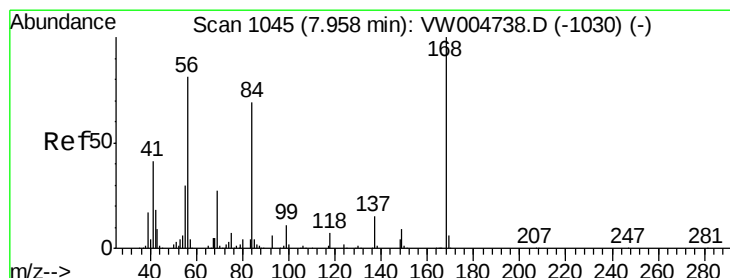
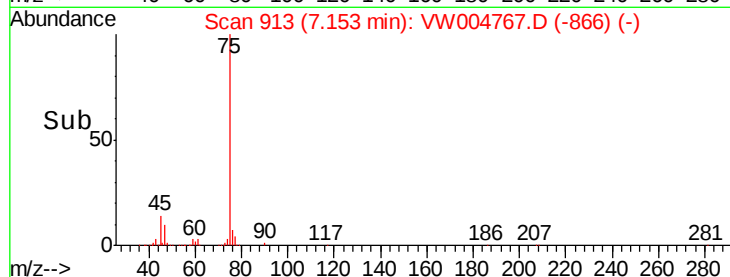
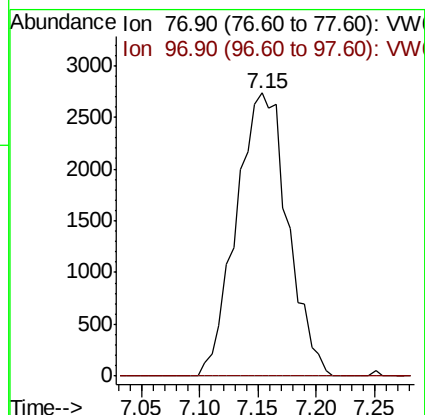
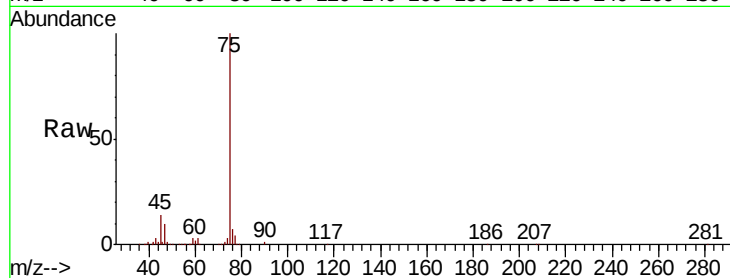
TP-12

Tot Ion: 77 Resp: 8372

Ion Ratio Lower Upper

77 100

97 0.0 12.6 37.8#



#31

Cyclohexane

Concen: 1.02 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW004767.D

Acq: 18 Aug 2018 08:14

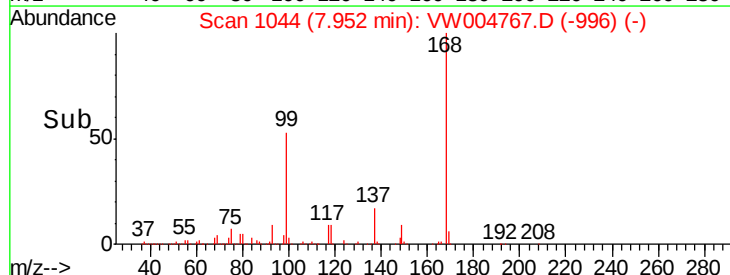
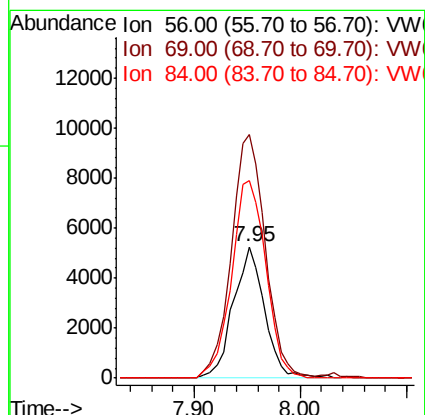
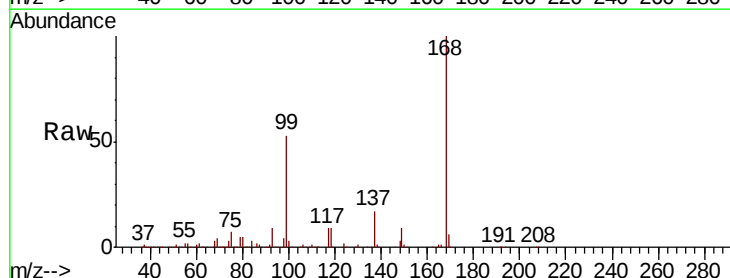
Tgt Ion: 56 Resp: 10815

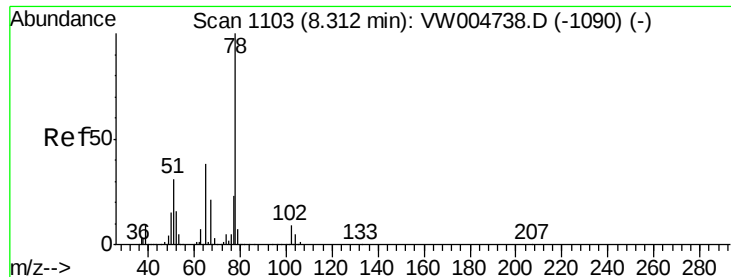
Ion Ratio Lower Upper

56 100

69 185.5 27.1 40.7#

84 150.3 68.3 102.5#

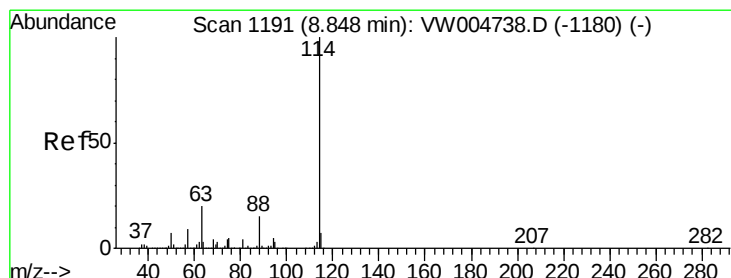
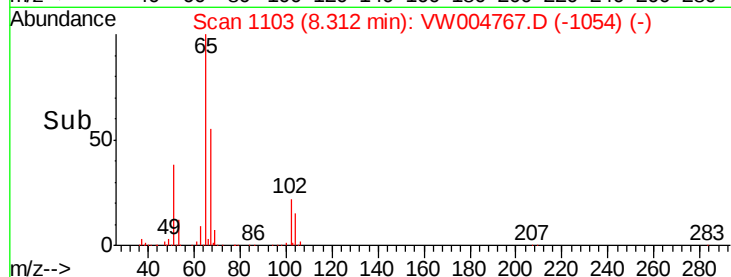
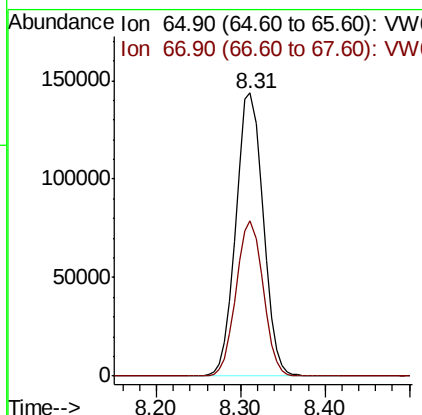
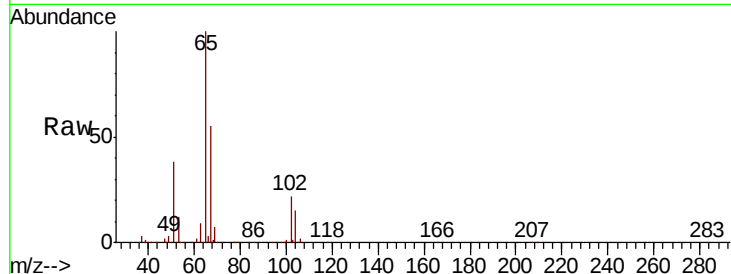




#33
 1,2-Dichloroethane-d4
 Concen: 57.80 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004767.D
 Acq: 18 Aug 2018 08:14

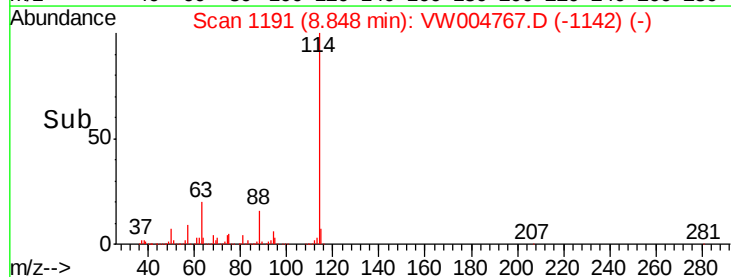
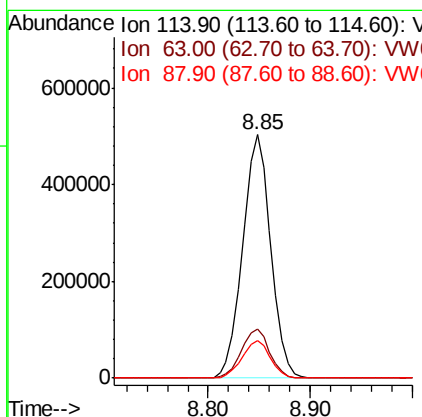
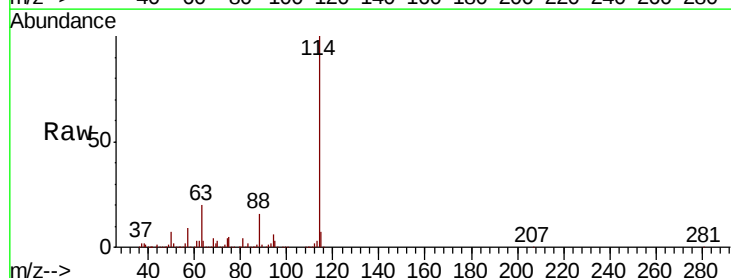
Instrument :
 MSVOA_W
 ClientSampled :
 TP-12

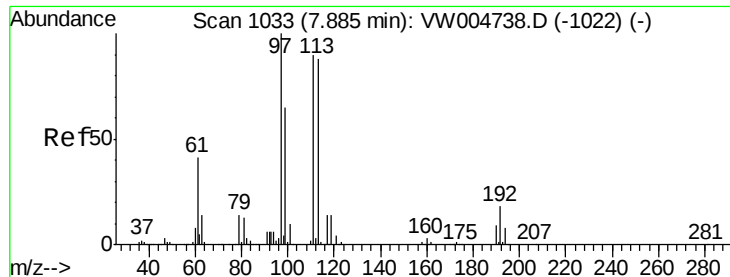
Tot Ion: 65 Resp: 314477
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004767.D
 Acq: 18 Aug 2018 08:14

Tgt Ion: 114 Resp: 960396
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.6 0.0 30.0

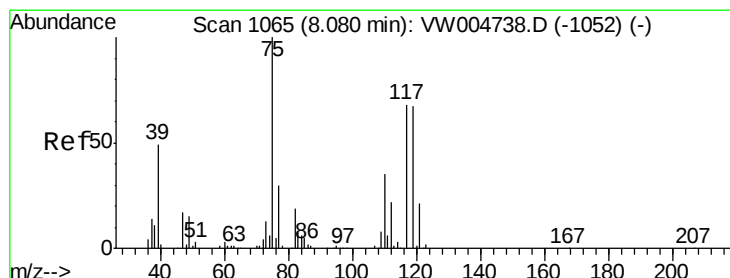
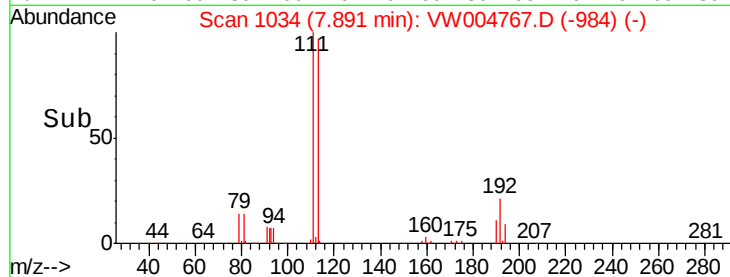
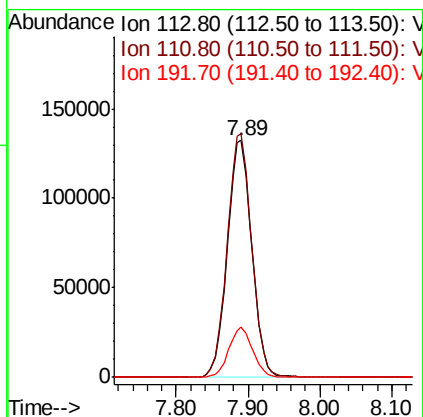
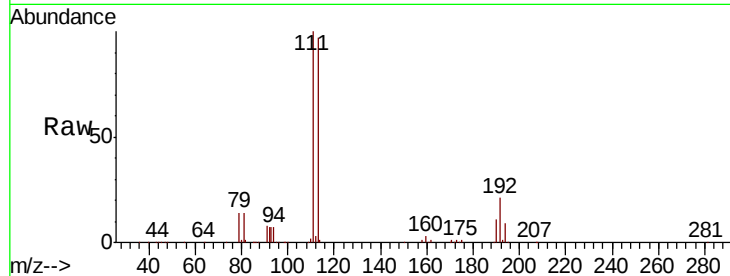




#35
 Dibromofluoromethane
 Concen: 50.86 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004767.D
 Acq: 18 Aug 2018 08:14

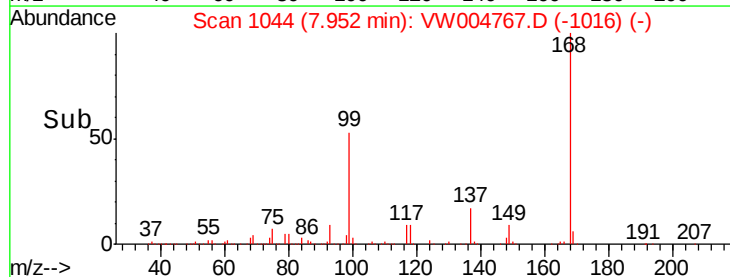
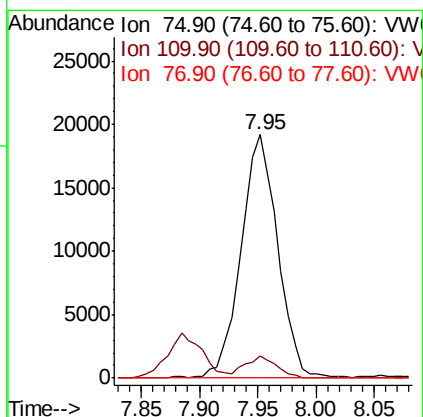
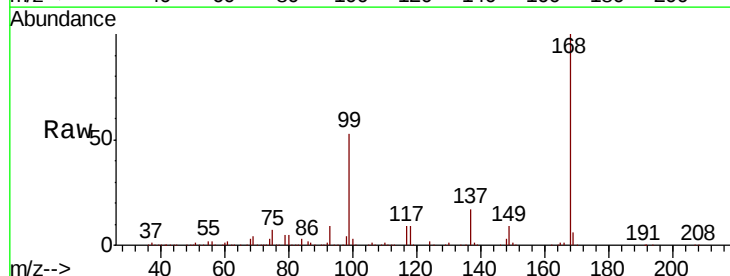
Instrument :
 MSVOA_W
 ClientSampled :
 TP-12

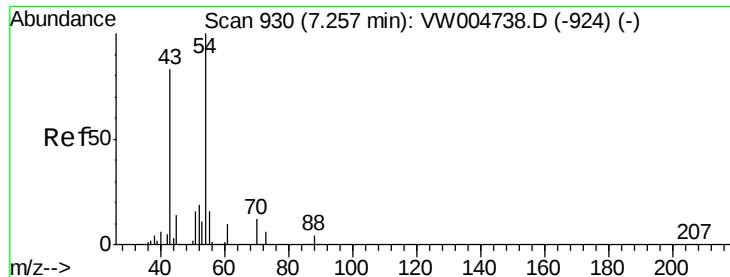
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	20.7	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.25 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004767.D
 Acq: 18 Aug 2018 08:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.8	53.5#
77	0.1	24.9	37.3#

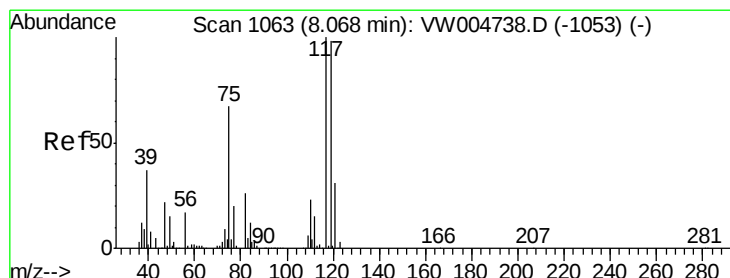
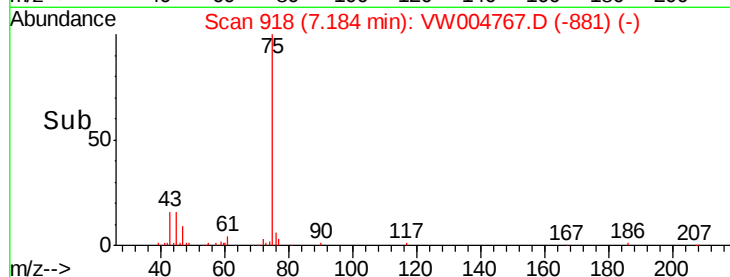
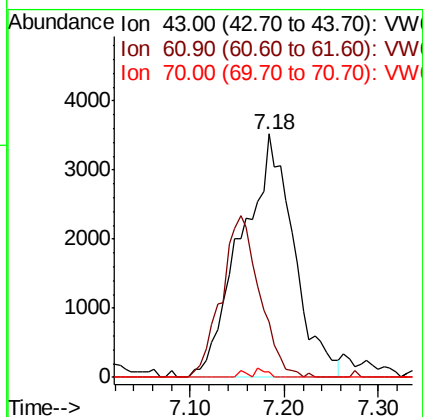
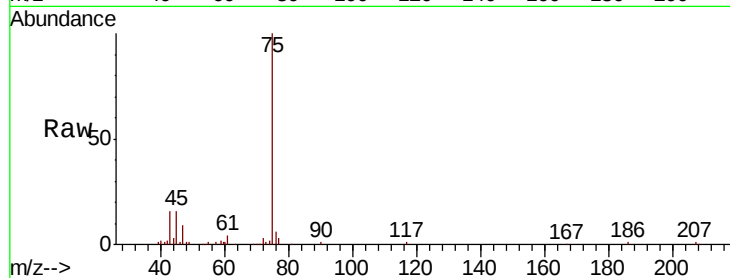




#37
Ethyl Acetate
Concen: 3.48 ug/l
RT: 7.18 min Scan# 918
Delta R.T. -0.07 min
Lab File: VW004767.D
Acq: 18 Aug 2018 08:14

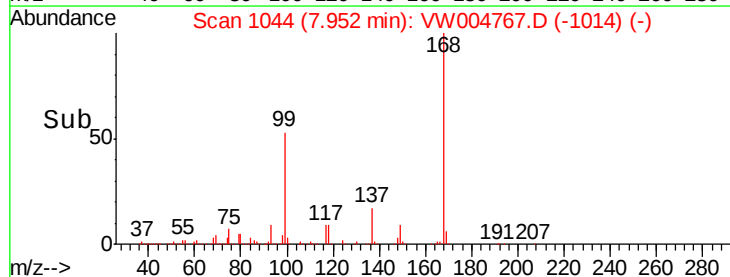
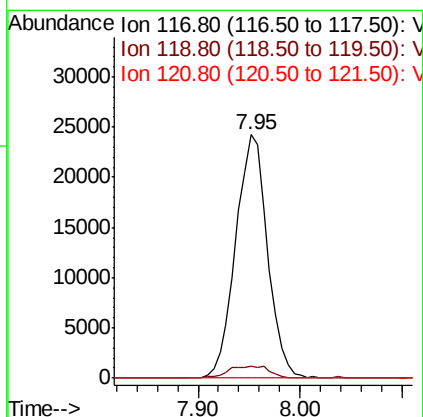
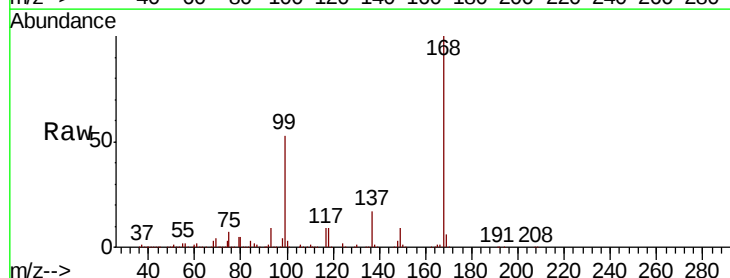
Instrument :
MSVOA_W
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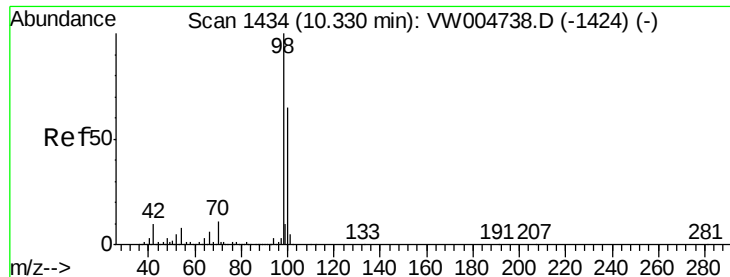
Tot Ion: 43 Resp: 13706
Ion Ratio Lower Upper
43 100
61 0.0 11.6 17.4#
70 0.8 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004767.D
Acq: 18 Aug 2018 08:14

Tgt Ion: 117 Resp: 52409
Ion Ratio Lower Upper
117 100
119 5.0 78.0 117.0#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 44.49 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004767.D

Acq: 18 Aug 2018 08:14

Instrument :

MSVOA_W

ClientSampleId :

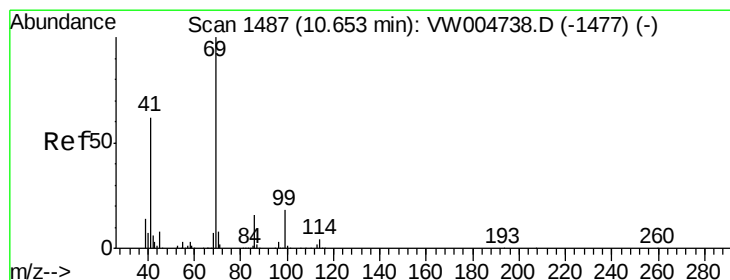
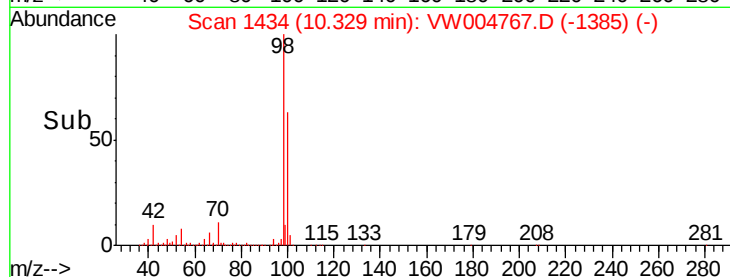
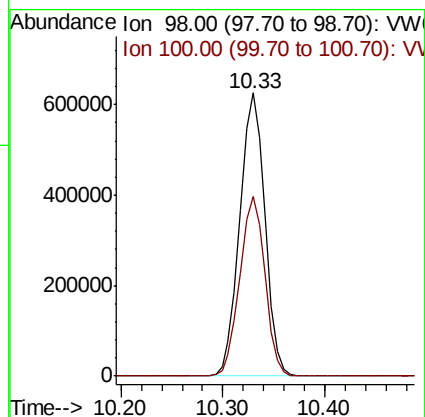
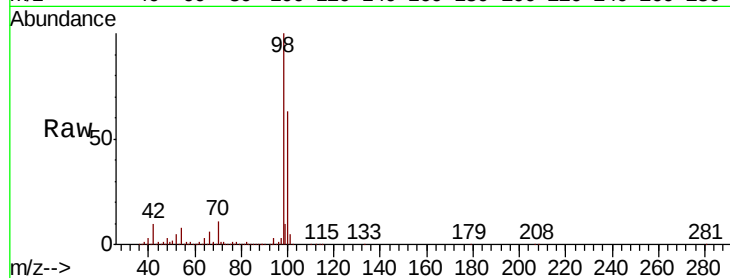
TP-12

Tot Ion: 98 Resp: 1065989

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.8



#56

Ethyl methacrylate

Concen: 2.99 ug/l

RT: 10.70 min Scan# 1494

Delta R.T. 0.04 min

Lab File: VW004767.D

Acq: 18 Aug 2018 08:14

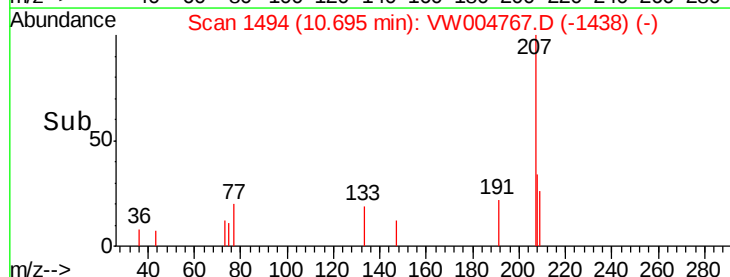
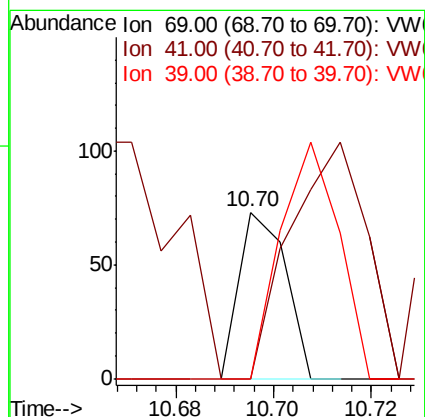
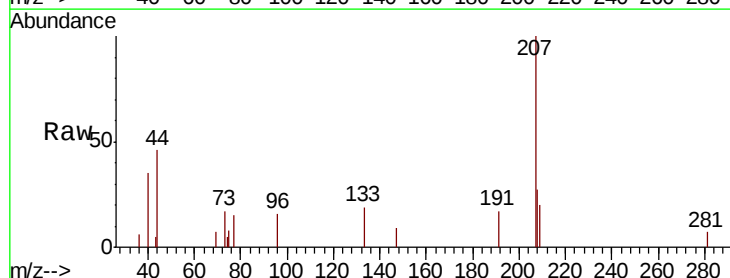
Tgt Ion: 69 Resp: 49

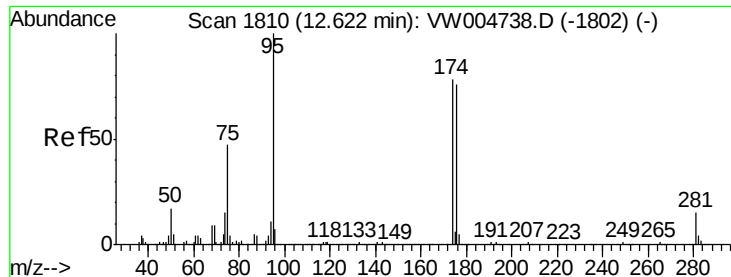
Ion Ratio Lower Upper

69 100

41 228.6 50.7 76.1#

39 173.5 21.4 32.2#

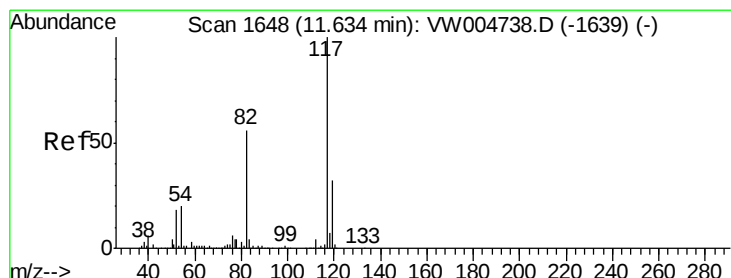
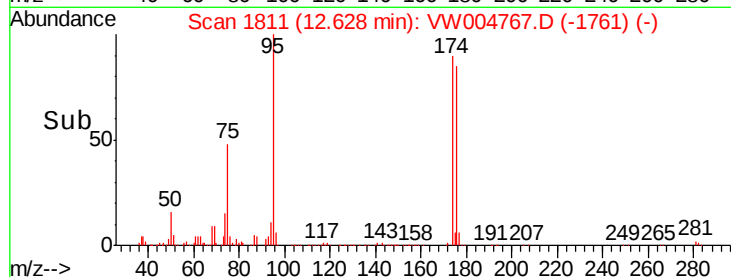
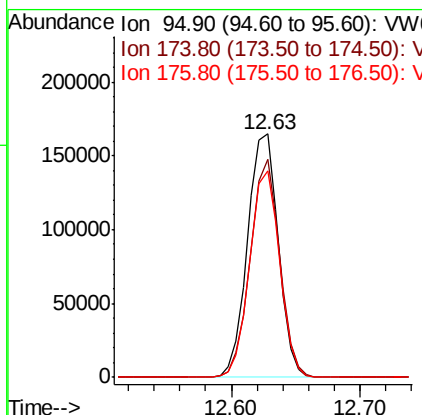
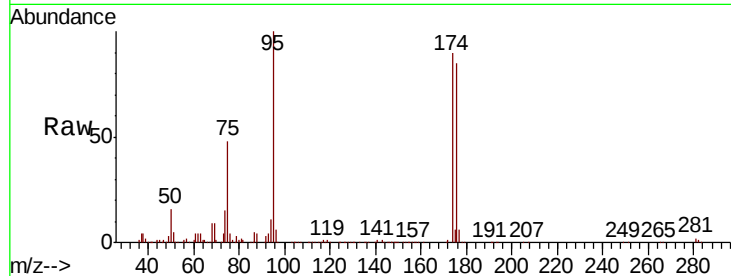




#62
4-Bromofluorobenzene
Concen: 31.37 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004767.D
Acq: 18 Aug 2018 08:14

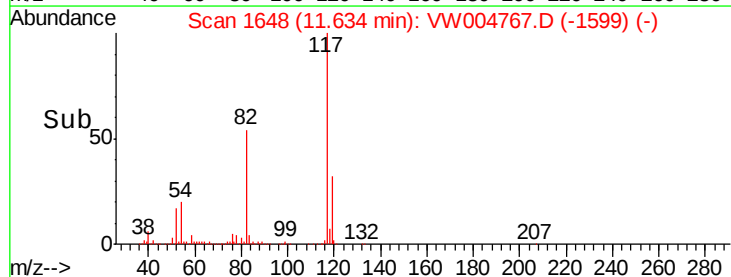
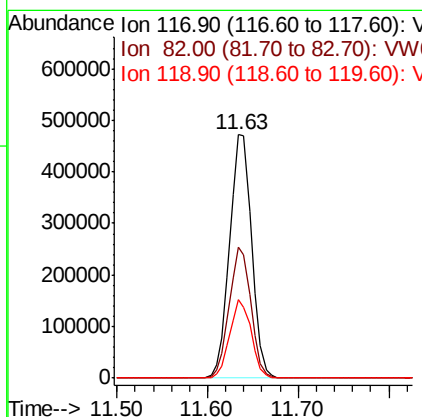
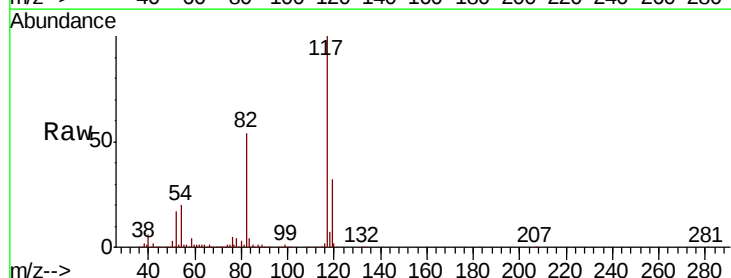
Instrument :
MSVOA_W
ClientSampleId :
TP-12

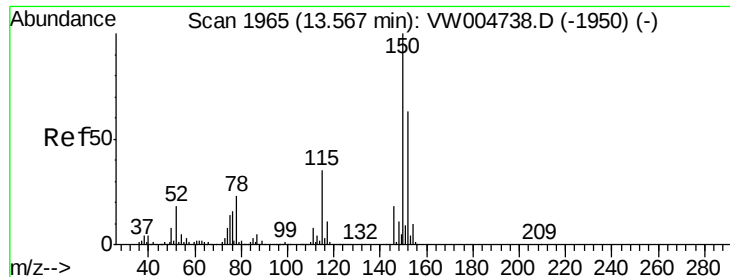
Tot Ion: 95 Resp: 270411
Ion Ratio Lower Upper
95 100
174 85.5 0.0 165.8
176 82.8 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004767.D
Acq: 18 Aug 2018 08:14

Tgt Ion: 117 Resp: 796908
Ion Ratio Lower Upper
117 100
82 53.8 44.6 67.0
119 32.3 25.6 38.4



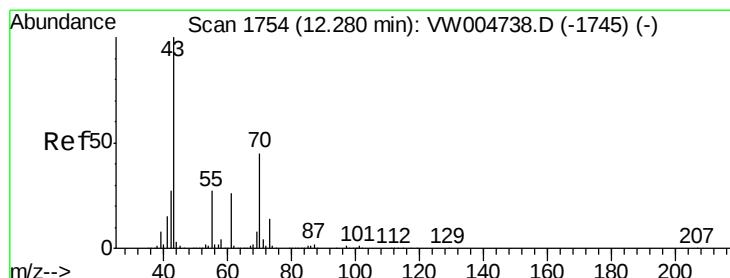
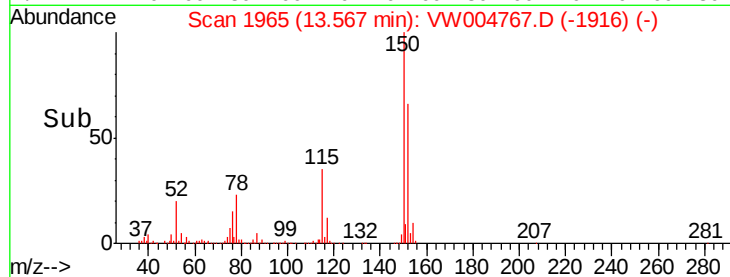
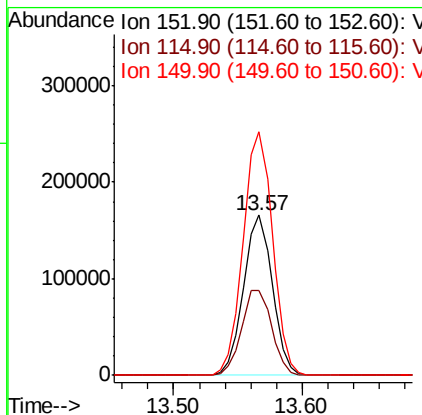
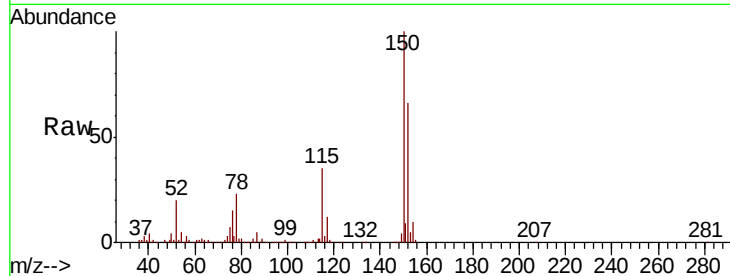


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004767.D
Acq: 18 Aug 2018 08:14

Instrument :
MSVOA_W
ClientSampleId :
TP-12

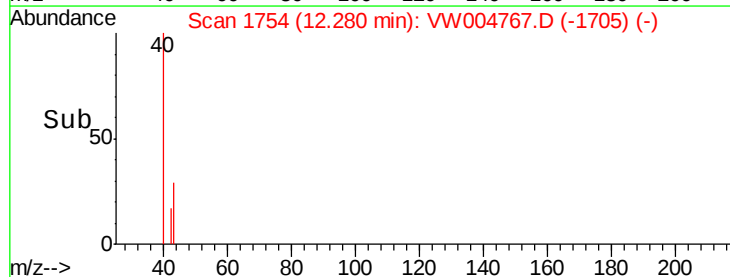
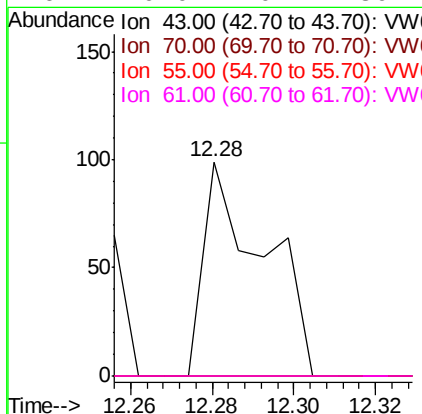
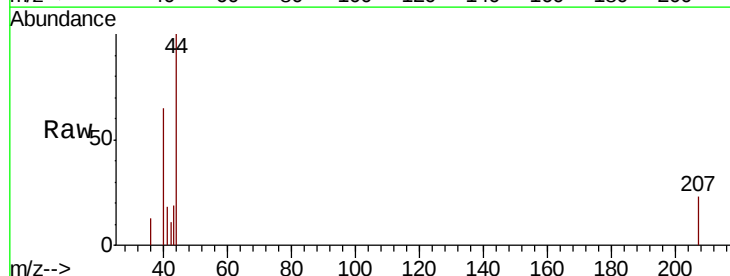
Tot Ion:152 Resp: 255685
Ion Ratio Lower Upper
152 100
115 55.8 28.5 85.5
150 155.5 0.0 344.8

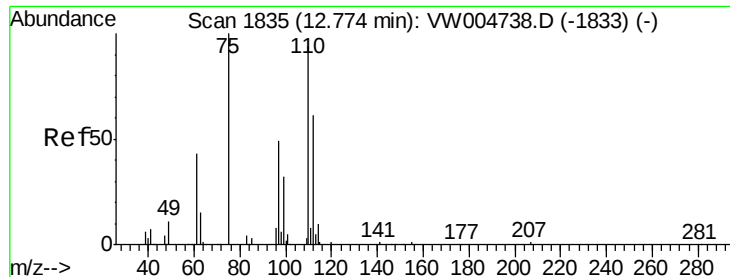


#74

N-ethyl acetate
Concen: 4.04 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004767.D
Acq: 18 Aug 2018 08:14

Tgt Ion: 43 Resp: 101
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: 58.46 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004767.D

Acq: 18 Aug 2018 08:14

Instrument :

MSVOA_W

ClientSampleId :

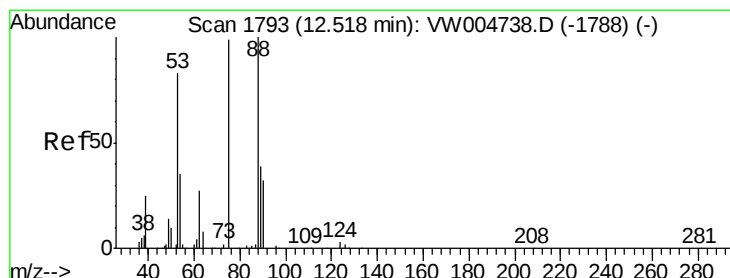
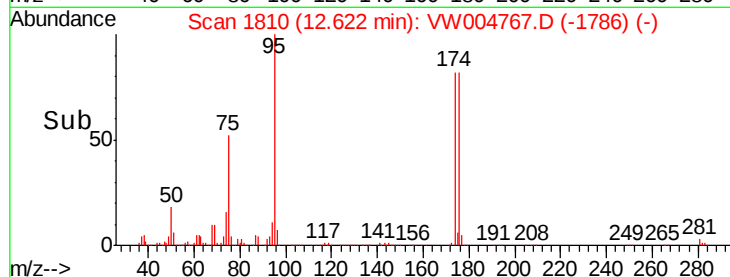
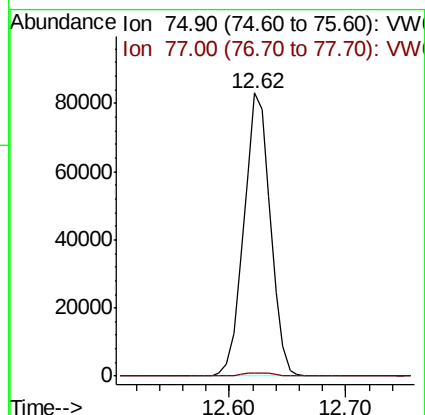
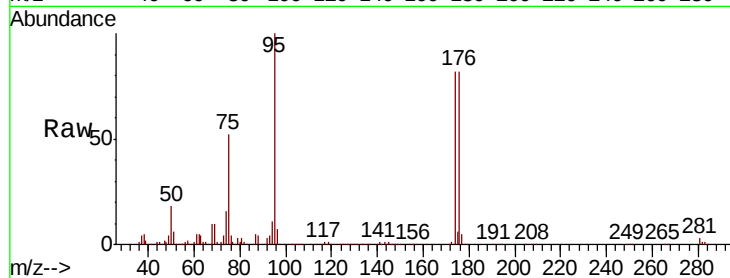
TP-12

Tot Ion: 75 Resp: 131761

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.87 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004767.D

Acq: 18 Aug 2018 08:14

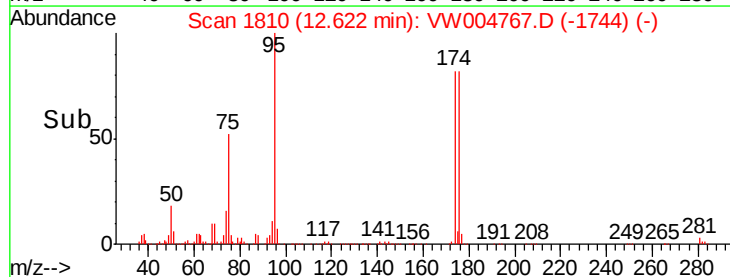
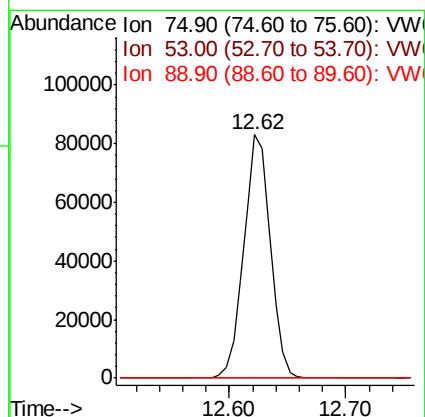
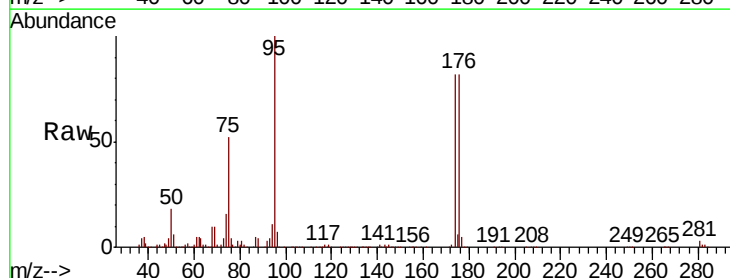
Tgt Ion: 75 Resp: 131761

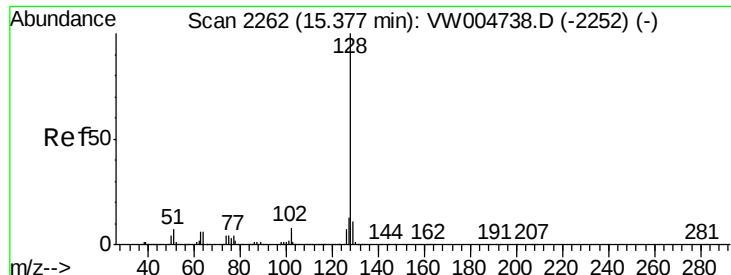
Ion Ratio Lower Upper

75 100

53 0.2 72.2 108.4#

89 0.0 35.2 52.8#





#95

Naphthalene

Concen: 3.87 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004767.D

Acq: 18 Aug 2018 08:14

Instrument :

MSVOA_W

ClientSampleId :

TP-12

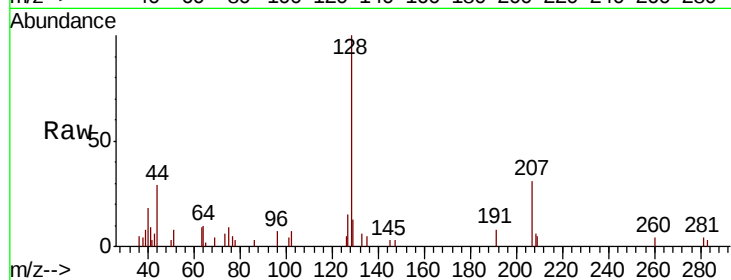
Tot Ion:128 Resp: 4134

Ion Ratio Lower Upper

128 100

127 16.4 10.4 15.6#

129 14.7 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

