

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004708.D
 Acq On : 15 Aug 2018 21:10
 Operator : SY/AP
 Sample : J4471-13
 Misc : 6.16G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Aug 16 04:59:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	588156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1013560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	955964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	428854	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	339591	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
35) Dibromofluoromethane	7.89	113	310124	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	
50) Toluene-d8	10.33	98	1064542	41.32	ug/l	0.00
Spiked Amount			Recovery	=	82.64%	
62) 4-Bromofluorobenzene	12.62	95	343361	37.00	ug/l	0.00
Spiked Amount			Recovery	=	74.00%	

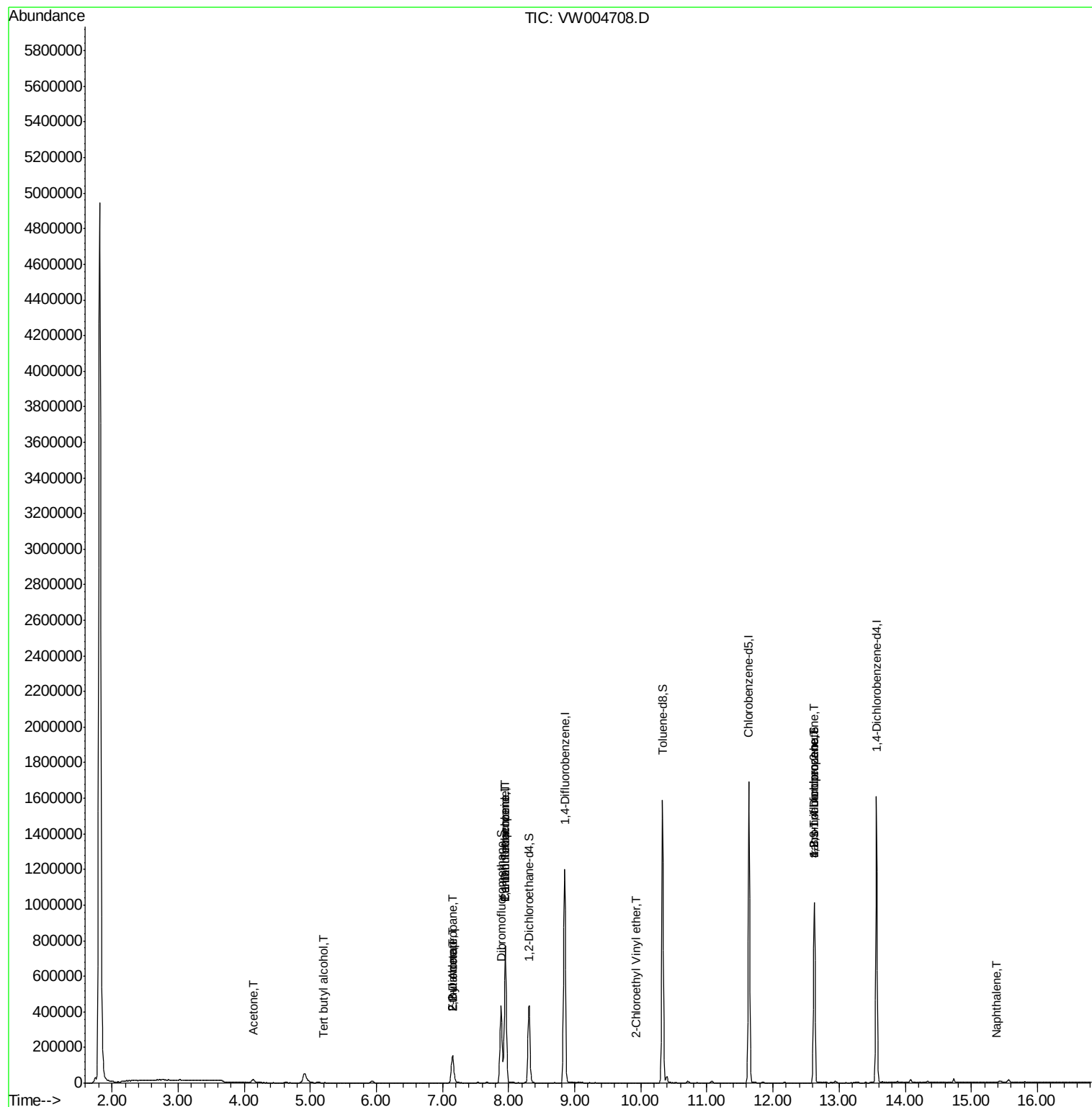
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	1426	3.741	ug/l	99
16) Acetone	4.14	43	30695	18.878	ug/l	95
20) Methylene Chloride	4.91	84	54154	Below Cal		88
25) 2-Butanone	7.15	43	7777	2.973	ug/l #	77
26) 2,2-Dichloropropane	7.15	77	10567	1.580	ug/l #	50
36) 1,1-Dichloropropene	7.95	75	44952	4.119	ug/l #	49
37) Ethyl Acetate	7.15	43	7777	1.522	ug/l #	1
38) Carbon Tetrachloride	7.95	117	54099	5.509	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.93	63	49	8.957	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	164216	37.005	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	164216	88.585	ug/l #	12
95) Naphthalene	15.38	128	1852	3.006	ug/l #	78

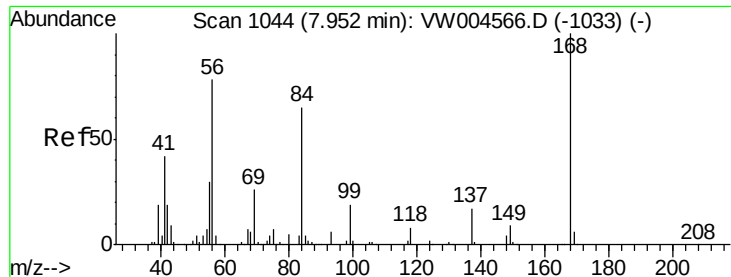
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081718\
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Acq On : 15 Aug 2018 21:10
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

Instrument :

MSVOA_W

ClientSampled :

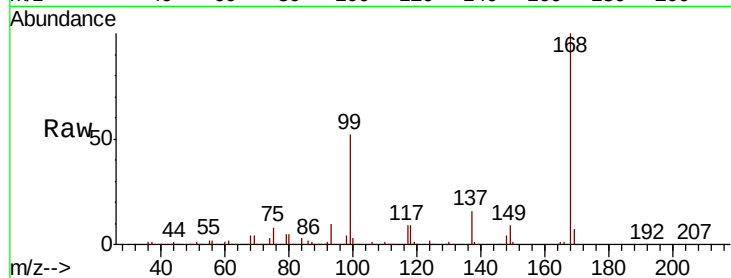
TP-4

Tot Ion:168 Resp: 588156

Ion Ratio Lower Upper

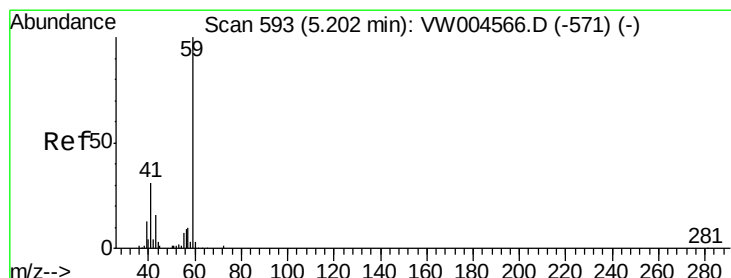
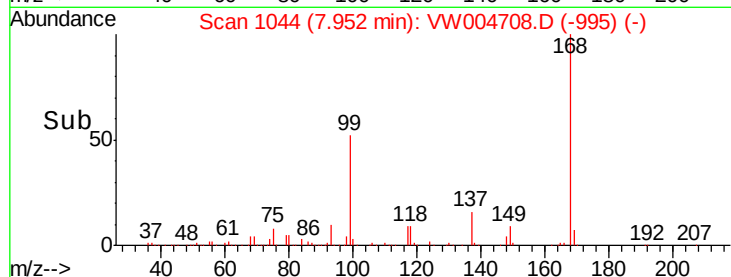
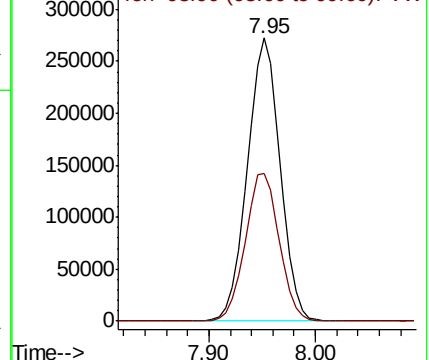
168 100

99 52.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.741 ug/l

RT: 5.20 min Scan# 593

Delta R.T. -0.01 min

Lab File: VW004708.D

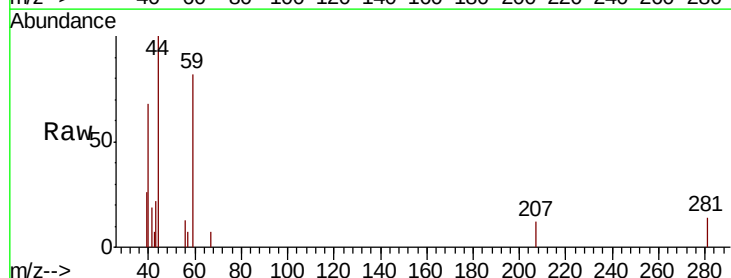
Acq: 15 Aug 2018 21:10

Tgt Ion: 59 Resp: 1426

Ion Ratio Lower Upper

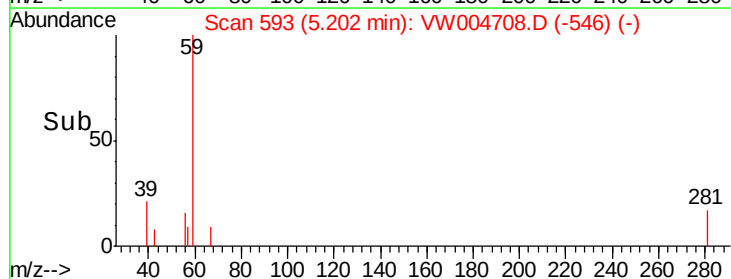
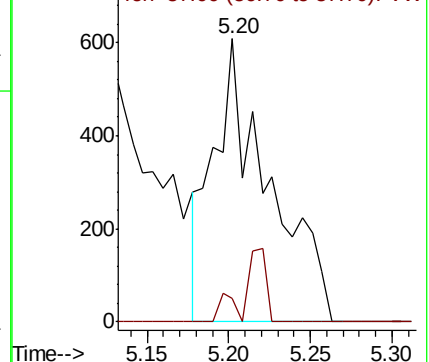
59 100

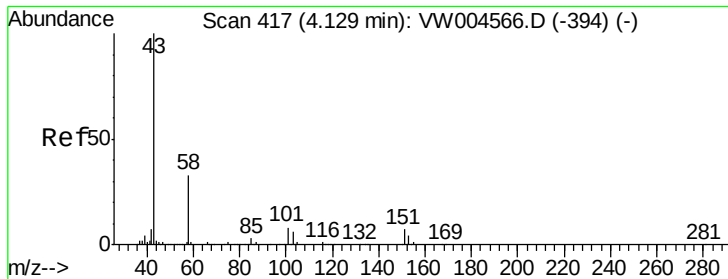
57 10.9 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 18.878 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

Instrument :

MSVOA_W

ClientSampled :

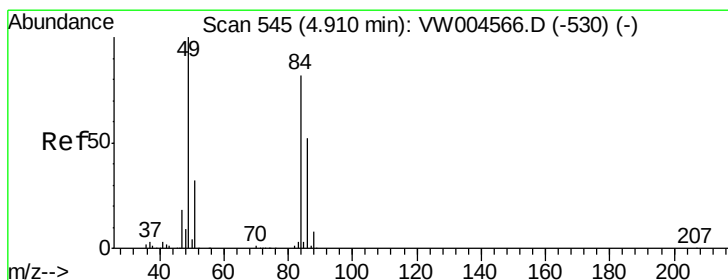
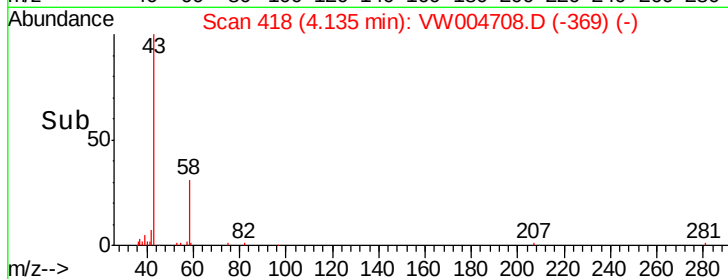
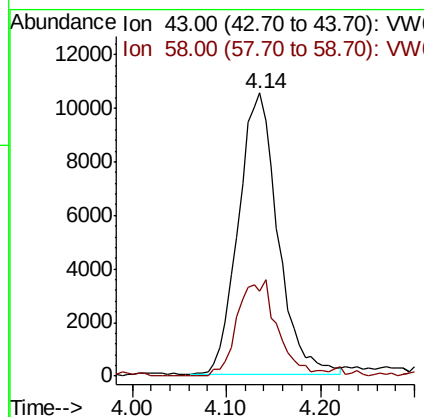
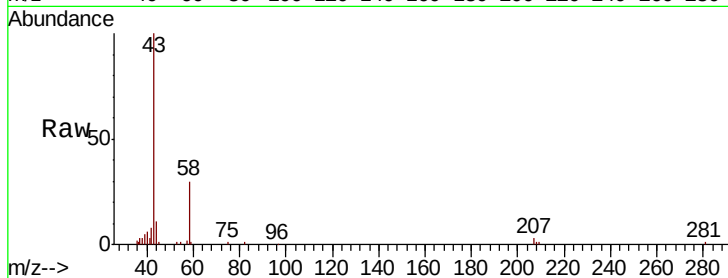
TP-4

Tot Ion: 43 Resp: 30695

Ion Ratio Lower Upper

43 100

58 30.5 26.8 40.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

Tgt Ion: 84 Resp: 54154

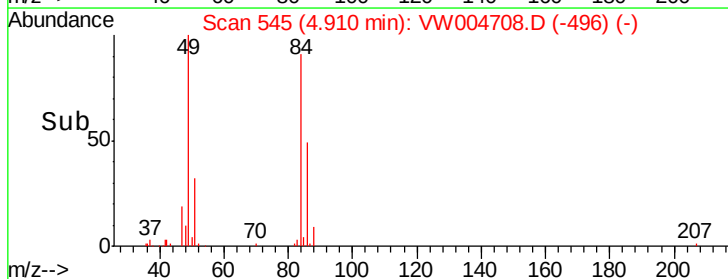
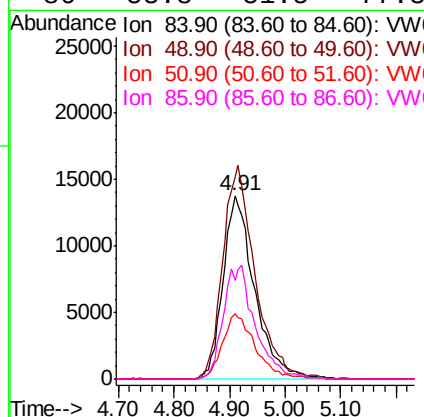
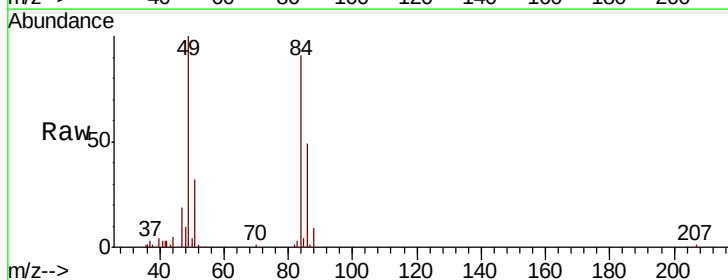
Ion Ratio Lower Upper

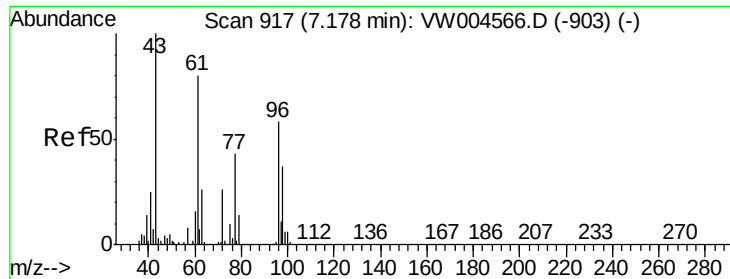
84 100

49 110.1 99.6 149.4

51 35.7 31.0 46.4

86 53.8 51.5 77.3





#25

2-Butanone

Concen: 2.973 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

Instrument :

MSVOA_W

ClientSampled :

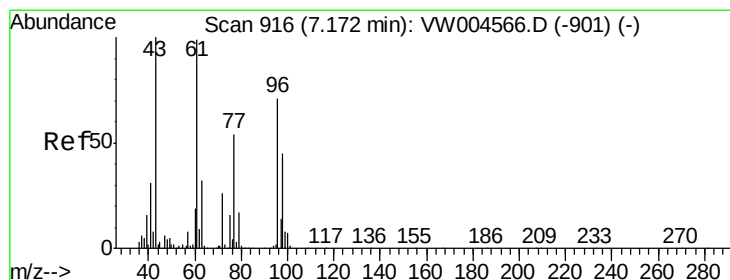
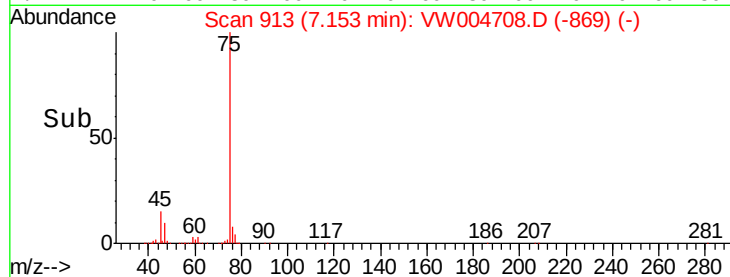
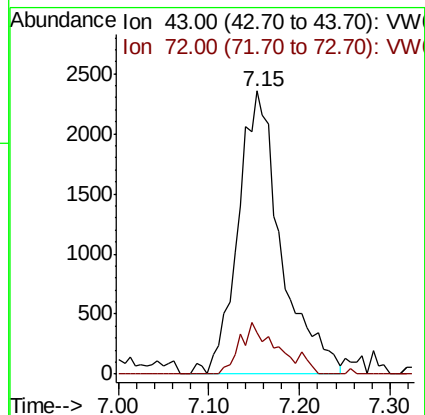
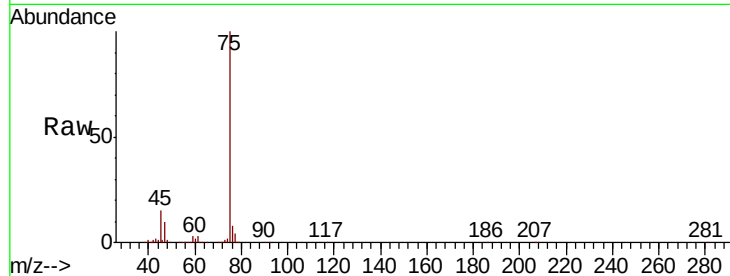
TP-4

Tot Ion: 43 Resp: 7777

Ion Ratio Lower Upper

43 100

72 14.6 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 1.580 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW004708.D

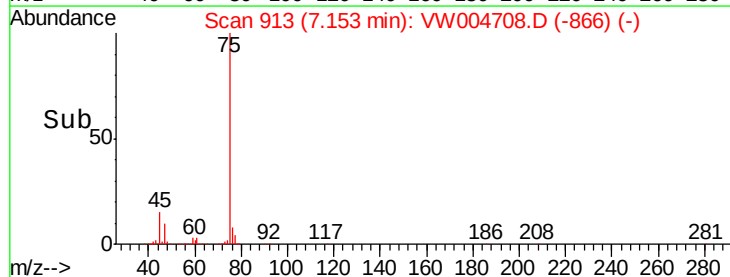
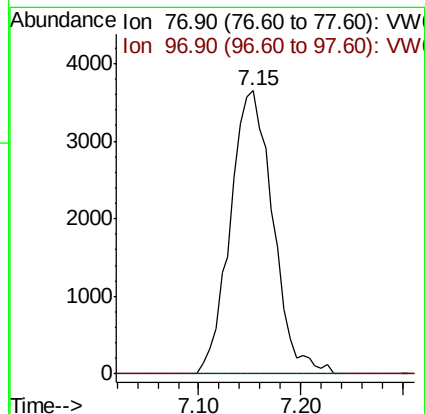
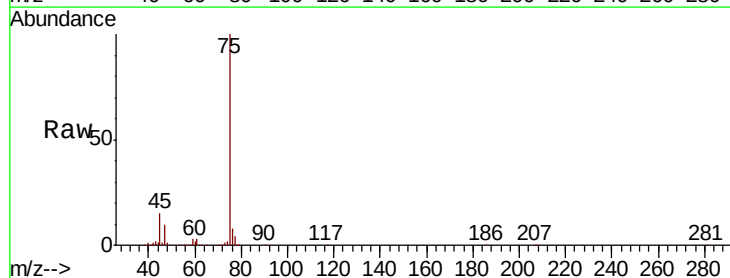
Acq: 15 Aug 2018 21:10

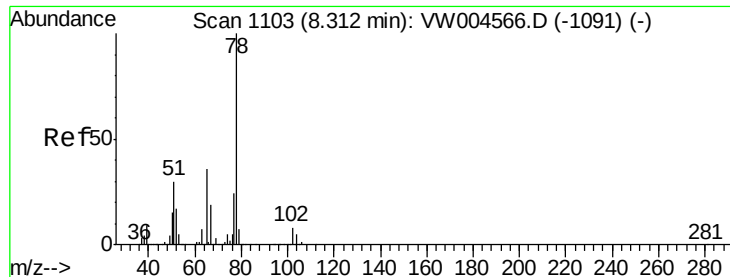
Tgt Ion: 77 Resp: 10567

Ion Ratio Lower Upper

77 100

97 0.0 12.5 37.5#

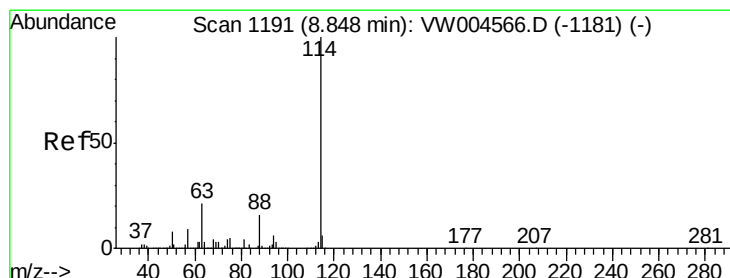
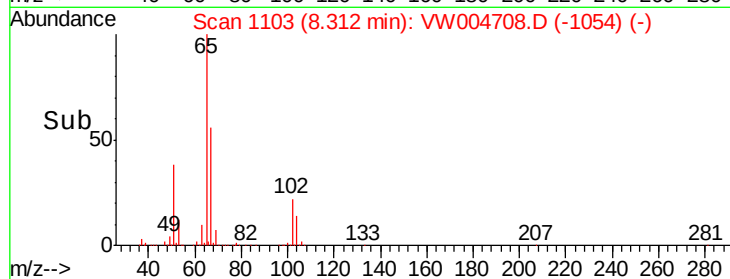
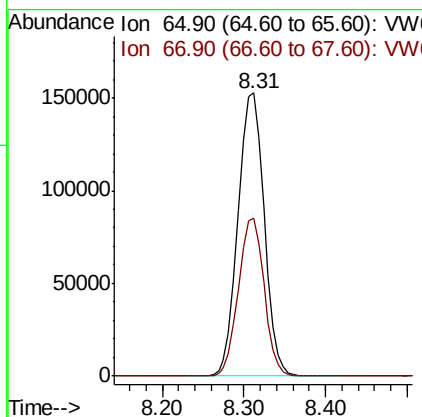
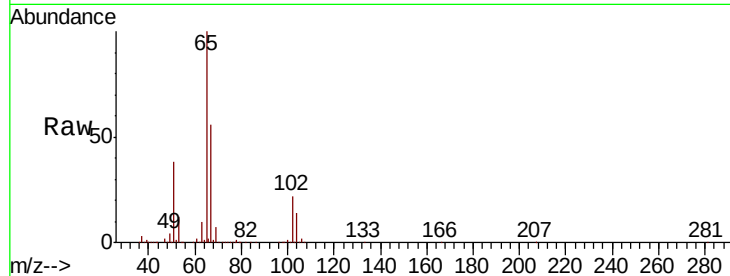




#33
 1,2-Dichloroethane-d4
 Concen: 52.159 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004708.D
 Acq: 15 Aug 2018 21:10

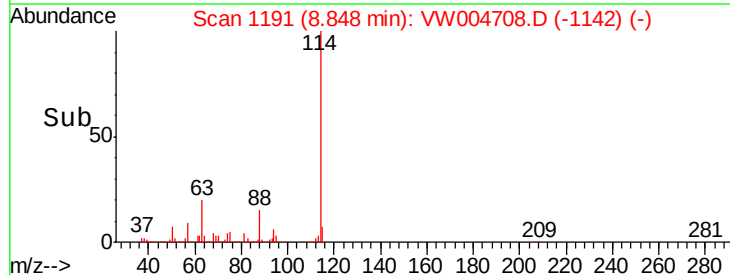
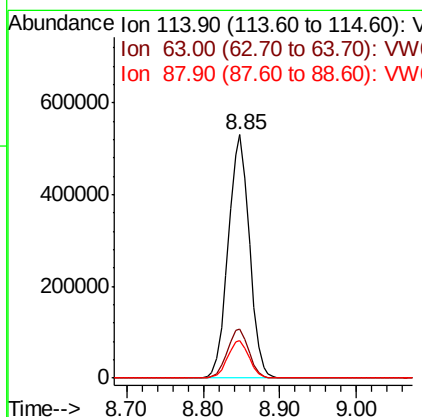
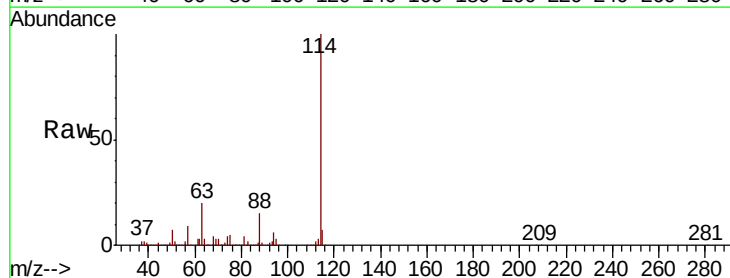
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

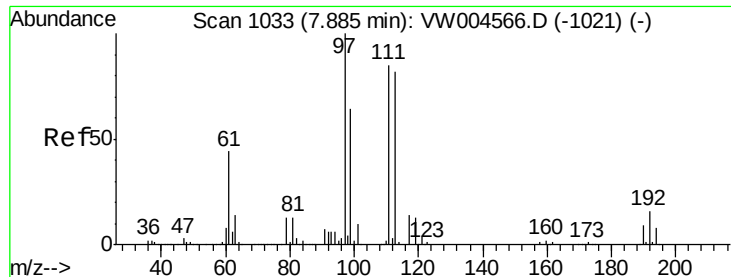
Tot Ion: 65 Resp: 339591
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004708.D
 Acq: 15 Aug 2018 21:10

Tgt Ion: 114 Resp: 1013560
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 15.3 0.0 31.2

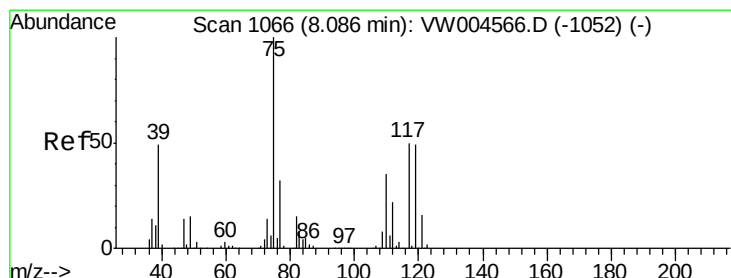
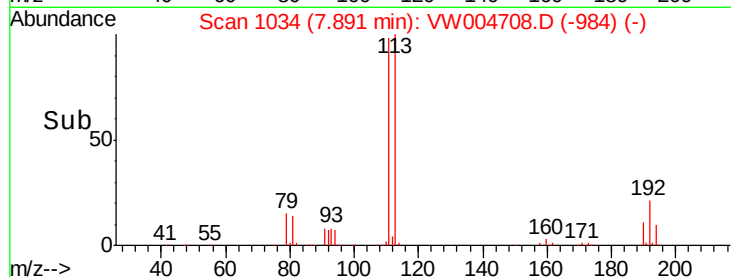
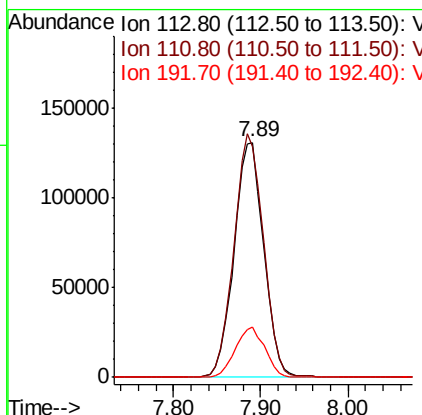
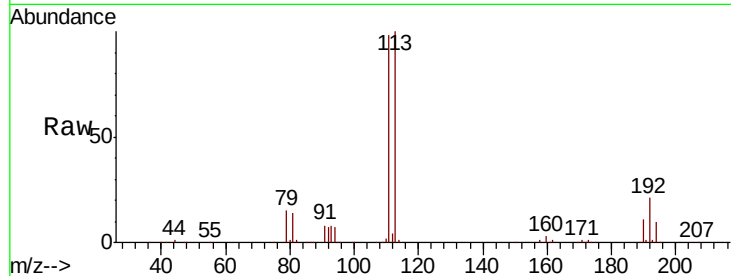




#35
 Dibromofluoromethane
 Concen: 45.889 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004708.D
 Acq: 15 Aug 2018 21:10

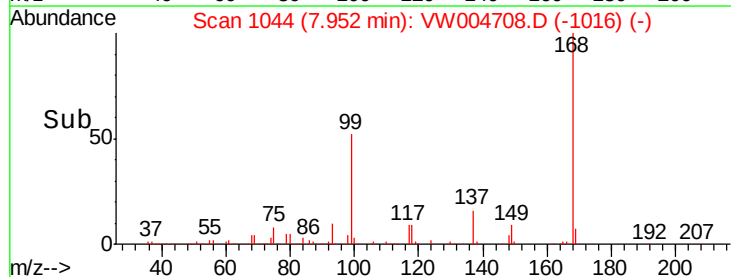
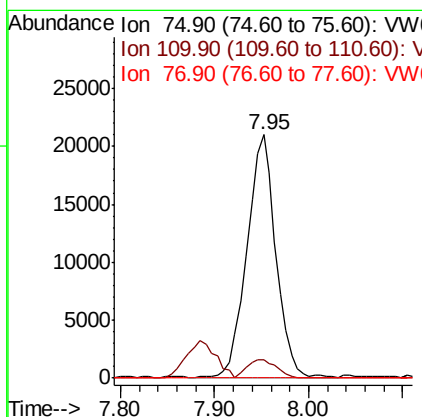
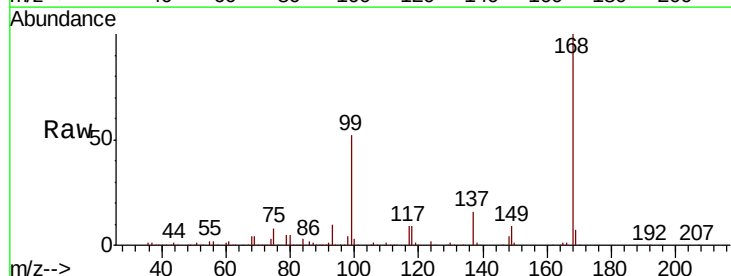
Instrument :
 MSVOA_W
 ClientSampled :
 TP-4

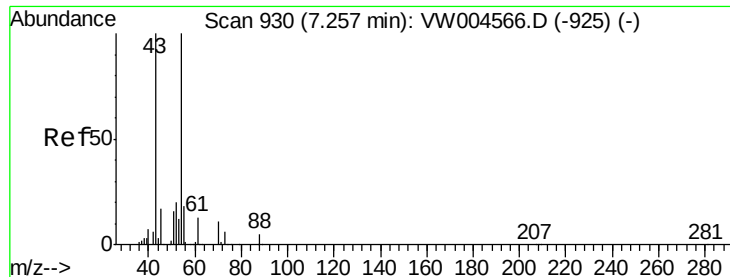
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	21.1	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.119 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004708.D
 Acq: 15 Aug 2018 21:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.4	52.2#
77	0.0	24.7	37.1#





#37

Ethyl Acetate

Concen: 1.522 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.10 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

Instrument :

MSVOA_W

ClientSampleId :

TP-4

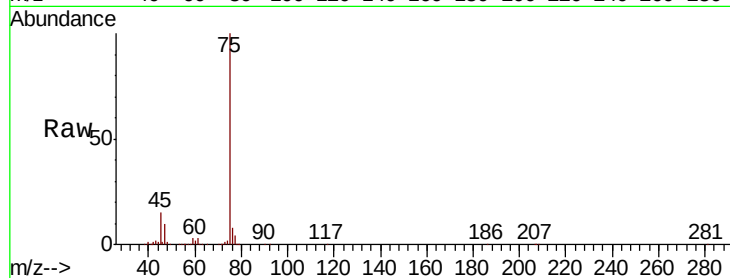
Tot Ion: 43 Resp: 7777

Ion Ratio Lower Upper

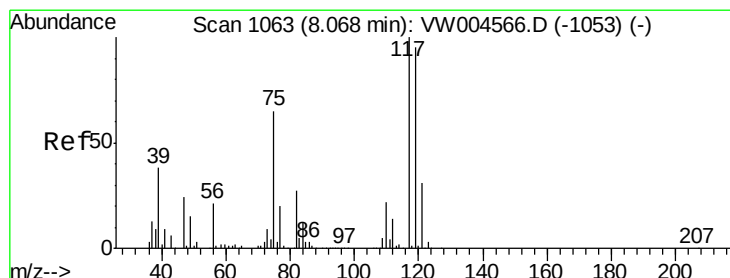
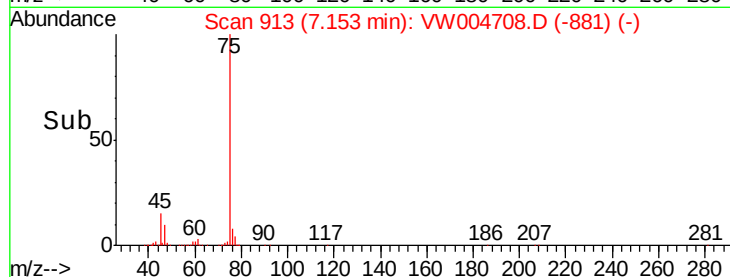
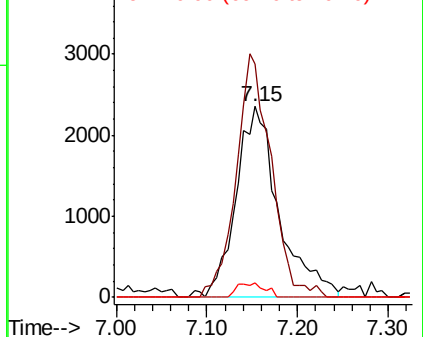
43 100

61 103.6 11.9 17.9#

70 4.9 8.2 12.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 5.509 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

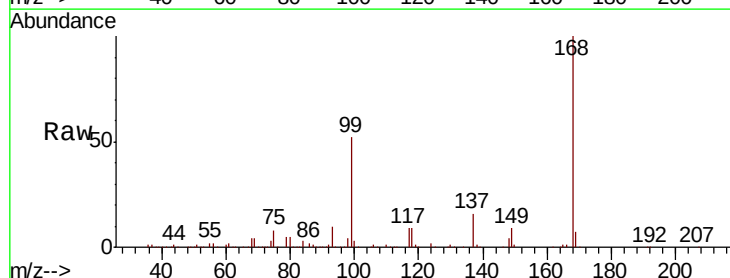
Tgt Ion: 117 Resp: 54099

Ion Ratio Lower Upper

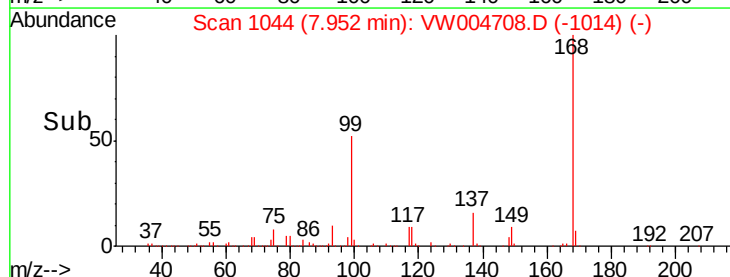
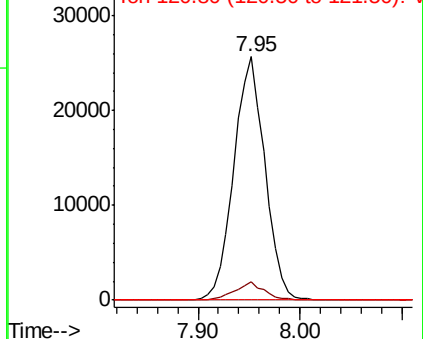
117 100

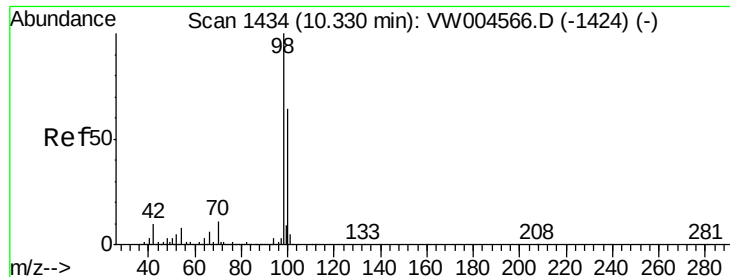
119 7.3 76.1 114.1#

121 0.0 24.2 36.4#



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: 41.318 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

Instrument :

MSVOA_W

ClientSampled :

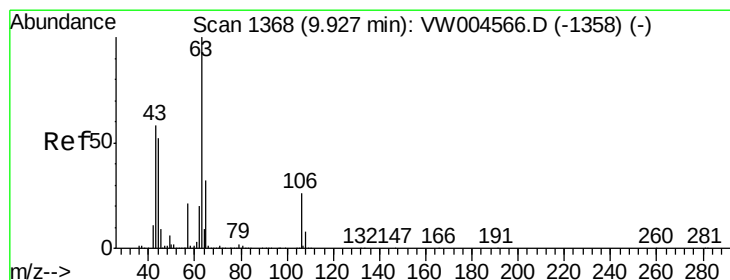
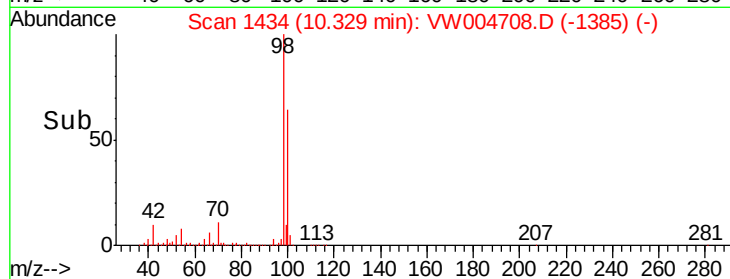
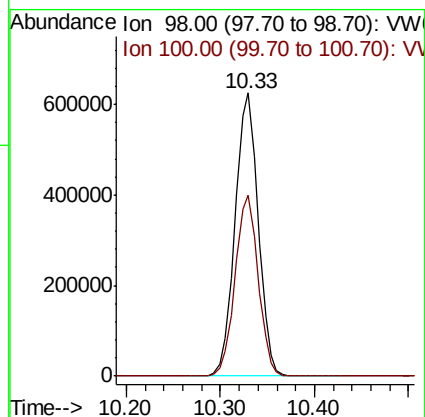
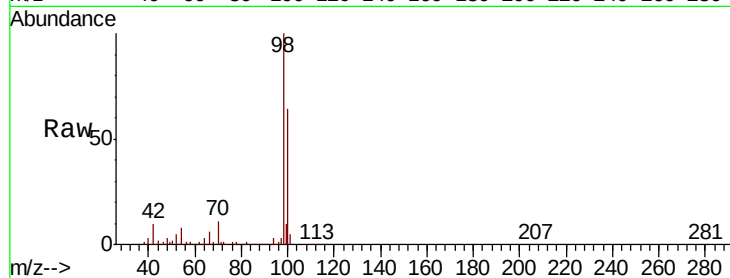
TP-4

Tot Ion: 98 Resp: 1064542

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.2



#58

2-Chloroethyl Vinyl ether

Concen: 8.957 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VW004708.D

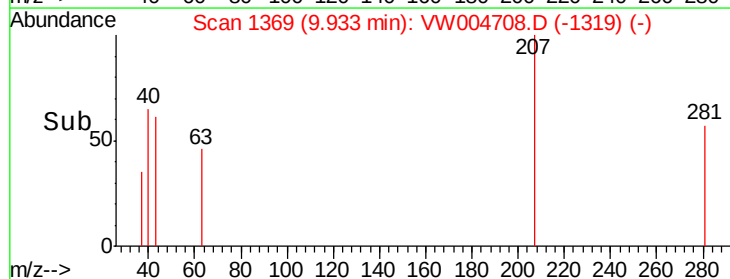
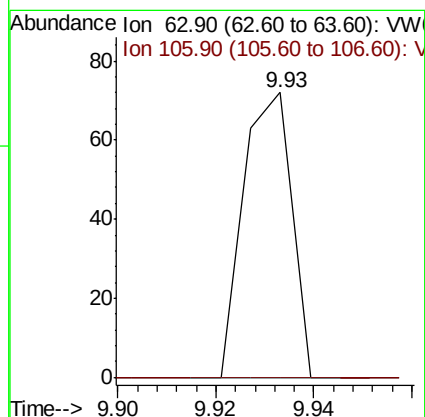
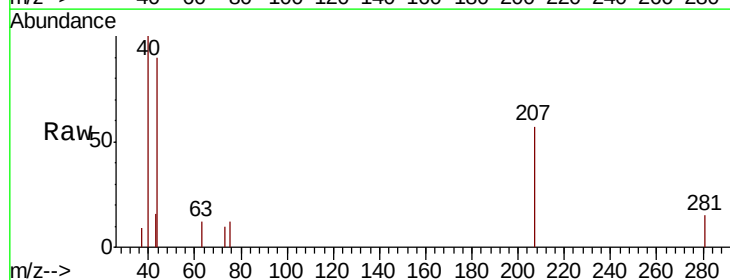
Acq: 15 Aug 2018 21:10

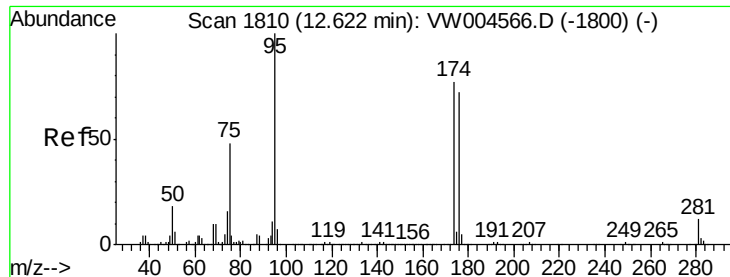
Tgt Ion: 63 Resp: 49

Ion Ratio Lower Upper

63 100

106 0.0 21.3 31.9#





#62

4-Bromofluorobenzene

Concen: 36.997 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

Instrument :

MSVOA_W

ClientSampled :

TP-4

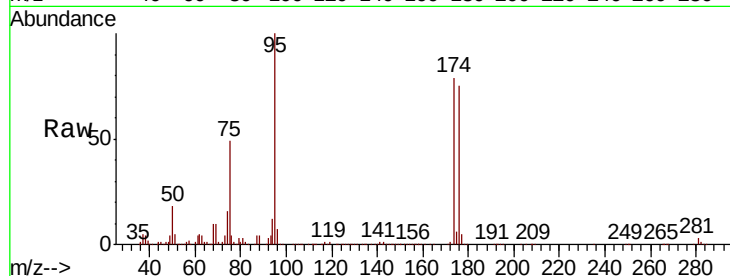
Tot Ion: 95 Resp: 343361

Ion Ratio Lower Upper

95 100

174 83.0 0.0 160.4

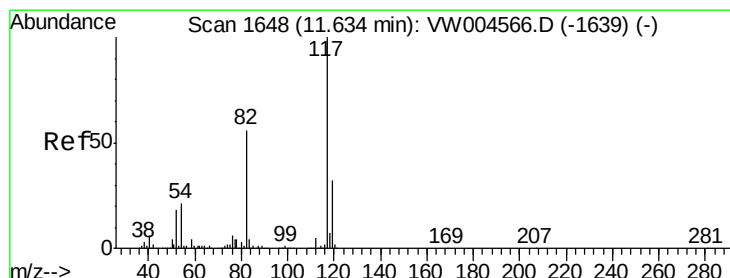
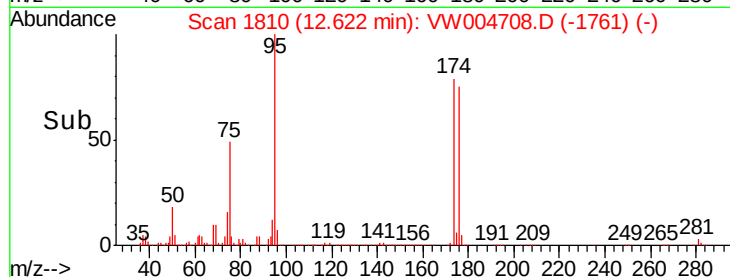
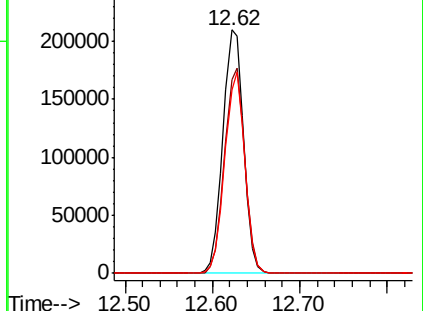
176 80.2 0.0 153.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

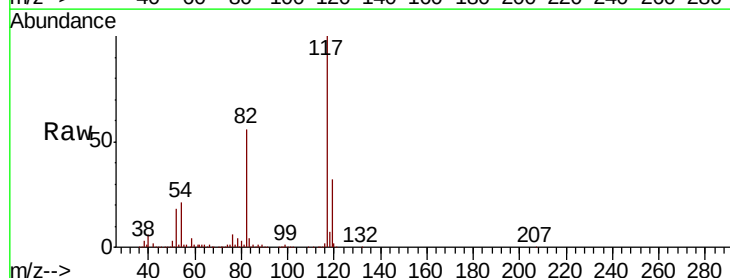
Tgt Ion: 117 Resp: 955964

Ion Ratio Lower Upper

117 100

82 55.6 45.3 67.9

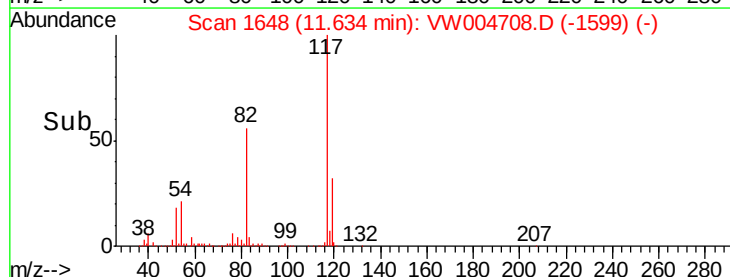
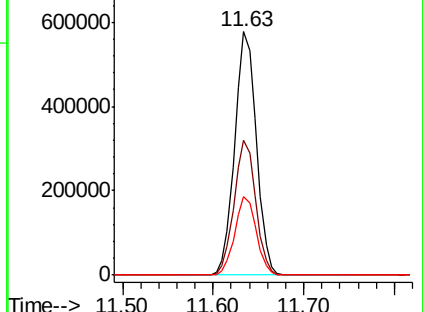
119 32.2 26.2 39.4

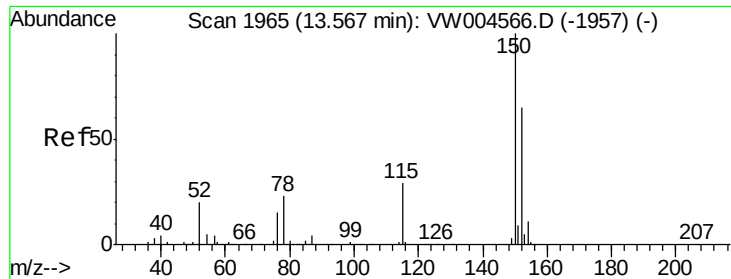


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004708.D

Acq: 15 Aug 2018 21:10

Instrument :

MSVOA_W

ClientSampled :

TP-4

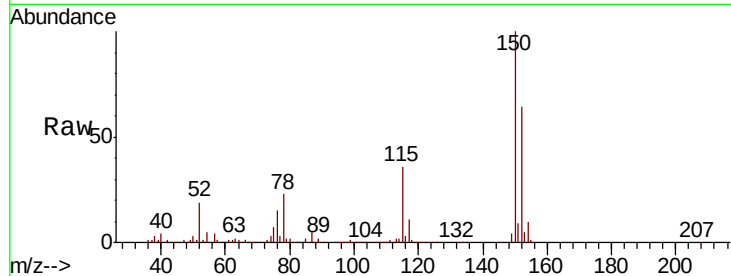
Tot Ion:152 Resp: 428854

Ion Ratio Lower Upper

152 100

115 57.0 29.1 87.3

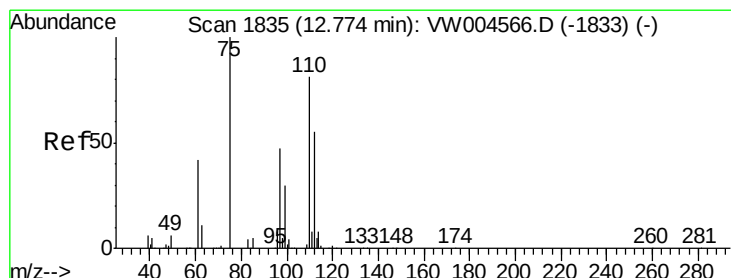
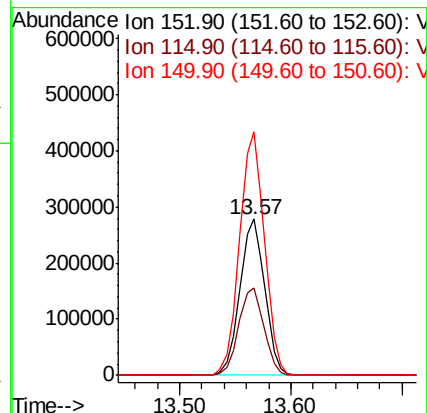
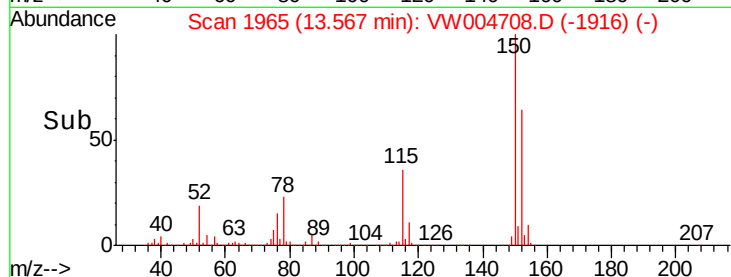
150 156.1 0.0 349.6



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



#76

1,2,3-Trichloropropane

Concen: 37.005 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004708.D

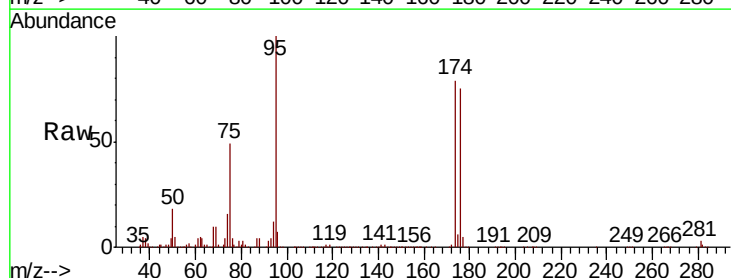
Acq: 15 Aug 2018 21:10

Tgt Ion: 75 Resp: 164216

Ion Ratio Lower Upper

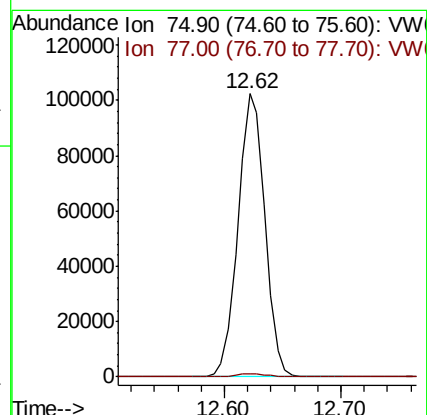
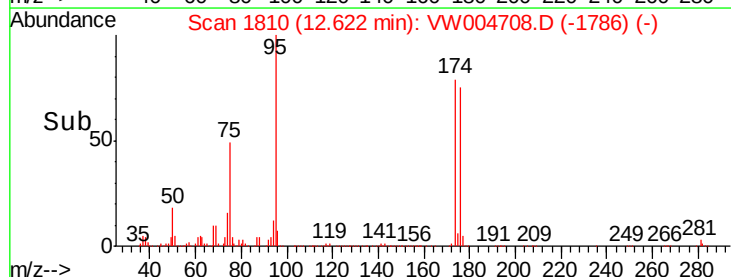
75 100

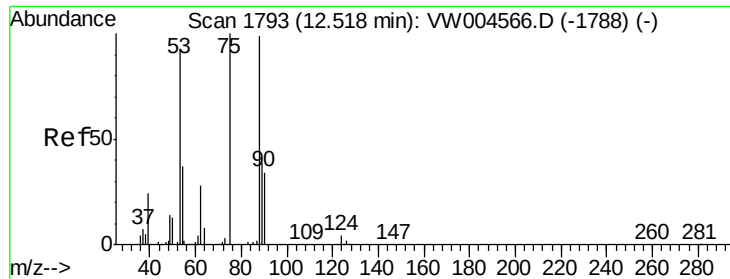
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

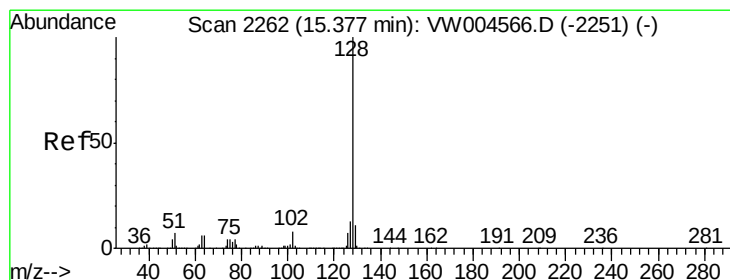
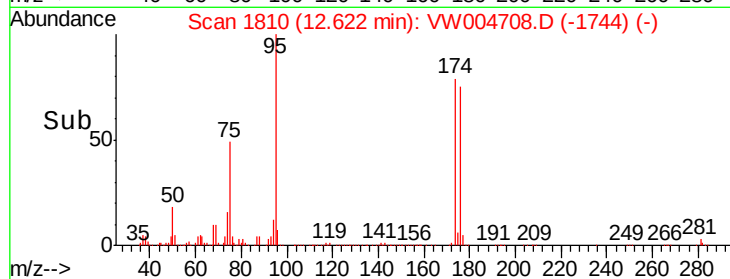
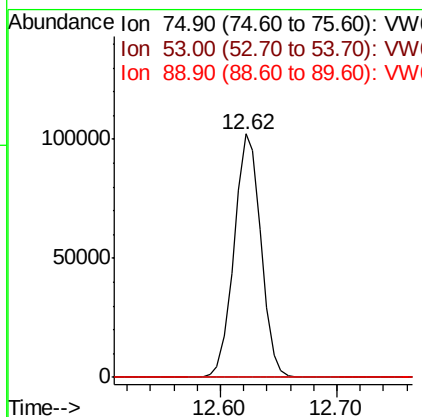
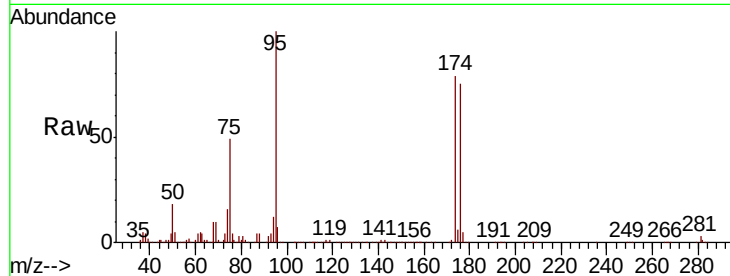




#81
trans-1,4-Dichloro-2-butene
Concen: 88.585 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.10 min
Lab File: VW004708.D
Acq: 15 Aug 2018 21:10

Instrument :
MSVOA_W
ClientSampled :
TP-4

Tot Ion: 75 Resp: 164216
Ion Ratio Lower Upper
75 100
53 0.3 74.4 111.6#
89 0.0 35.9 53.9#



#95
Naphthalene
Concen: 3.006 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004708.D
Acq: 15 Aug 2018 21:10

Tgt Ion: 128 Resp: 1852
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 7.0 8.6 13.0#

