

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004021.D
 Acq On : 18 Jul 2018 09:03
 Operator : VA/AP
 Sample : J3997-07RE
 Misc : 6.51G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-F-DRE

Quant Time: Jul 18 10:59:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	272318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	253009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	112175	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	104181	63.38	ug/l	0.00
Spiked Amount			Recovery	=	126.76%	
35) Dibromofluoromethane	7.88	113	91947	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
50) Toluene-d8	10.33	98	308023	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	12.63	95	100396	41.07	ug/l	0.00
Spiked Amount			Recovery	=	82.14%	

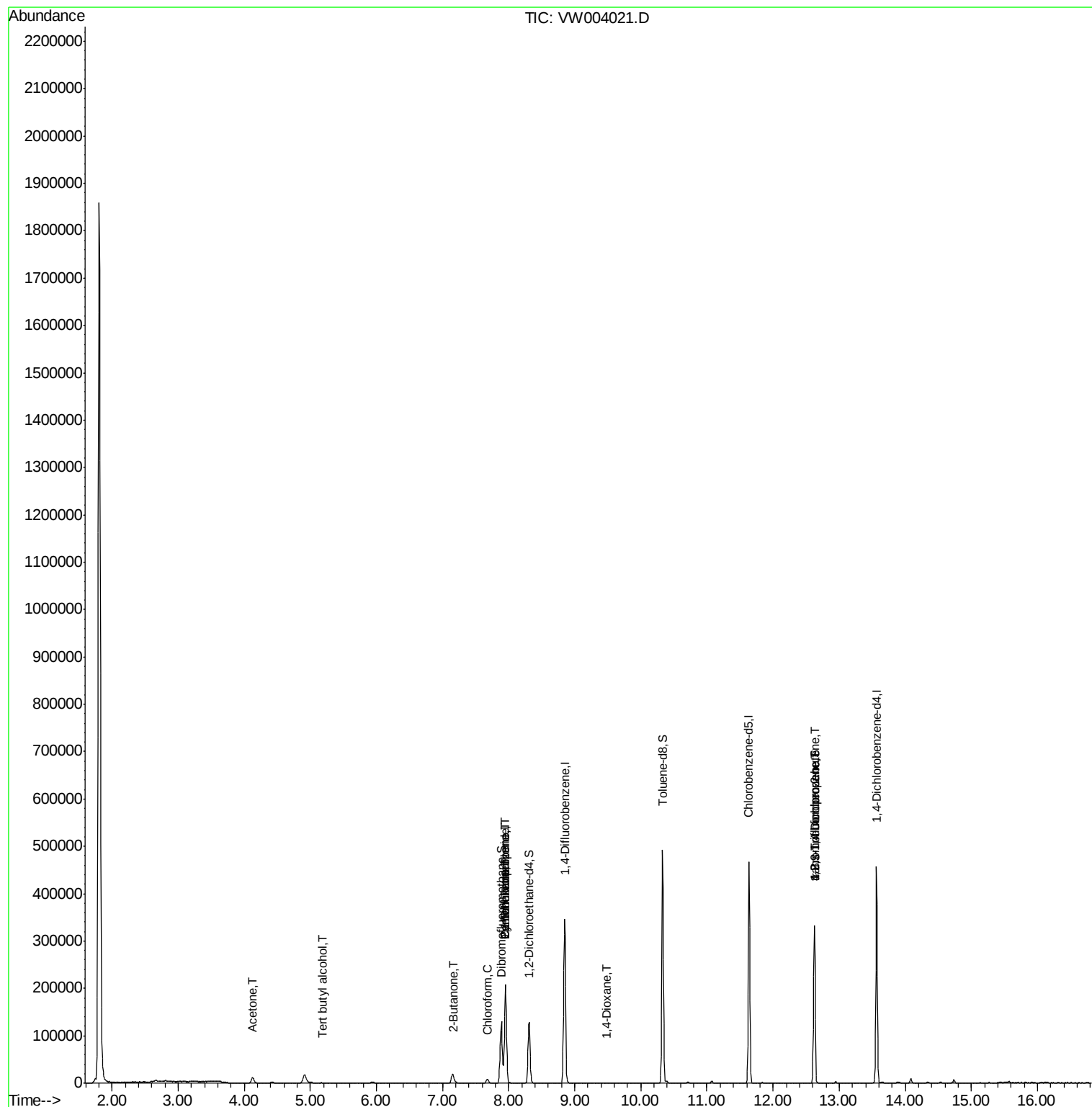
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	222	1.96	ug/l #	72
16) Acetone	4.13	43	20380	51.60	ug/l	94
25) 2-Butanone	7.18	43	1854	3.49	ug/l #	78
30) Chloroform	7.68	83	7620	2.63	ug/l	91
31) Cyclohexane	7.95	56	3801	1.39	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	12641	4.51	ug/l #	50
38) Carbon Tetrachloride	7.95	117	14744	5.63	ug/l #	16
49) 1,4-Dioxane	9.48	88	23	1.45	ug/l #	20
76) 1,2,3-Trichloropropane	12.63	75	54043	48.53	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	54043	107.34	ug/l #	11

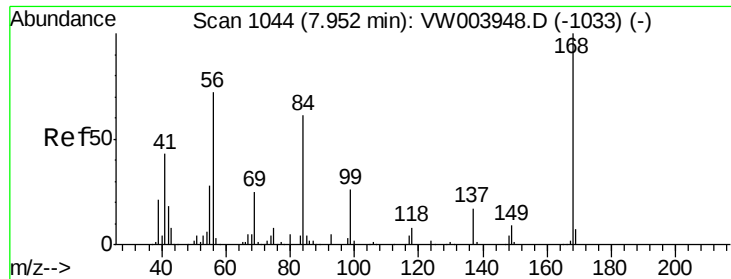
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
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Quant Time: Jul 18 10:59:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 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: VW004021.D

Acq: 18 Jul 2018 09:03

Instrument :

MSVOA_W

ClientSampleId :

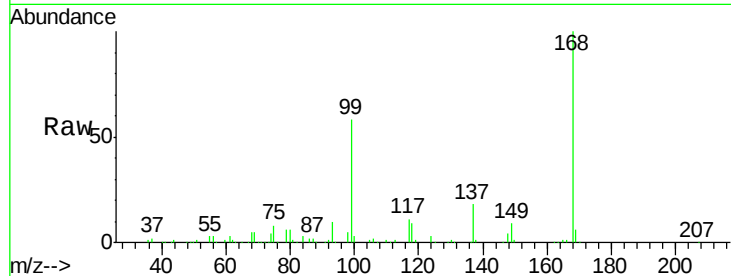
TP-F-DRE

Tot Ion:168 Resp: 147050

Ion Ratio Lower Upper

168 100

99 58.1 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

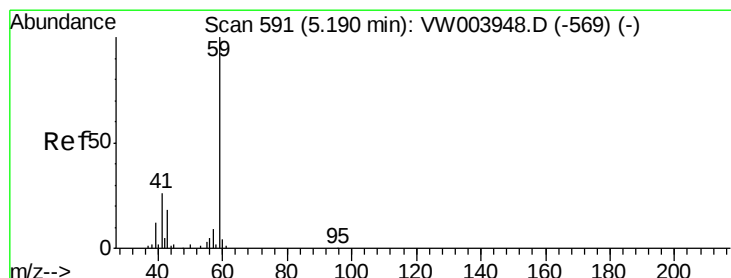
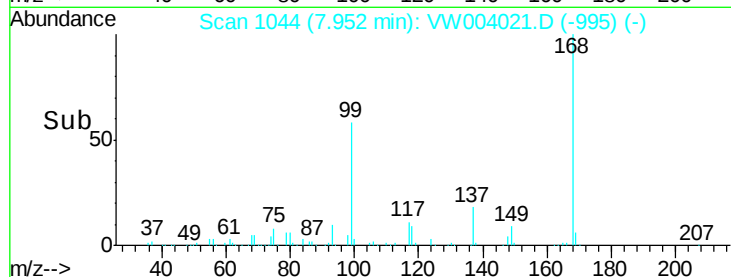
40000

20000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 1.96 ug/l

RT: 5.19 min Scan# 591

Delta R.T. -0.00 min

Lab File: VW004021.D

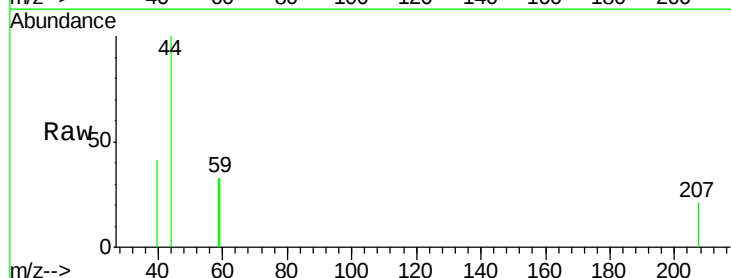
Acq: 18 Jul 2018 09:03

Tgt Ion: 59 Resp: 222

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

300

250

200

150

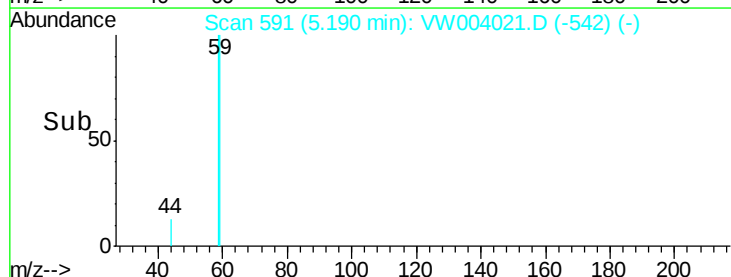
100

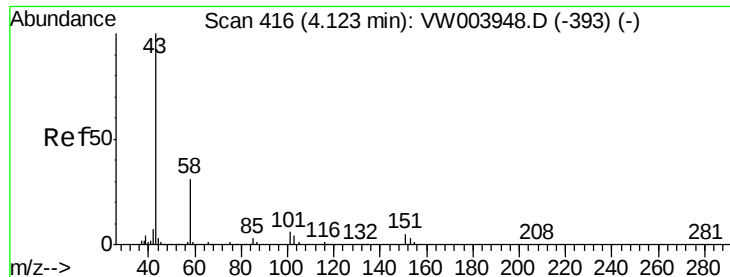
50

0

5.18 5.20 5.22

Time-->





#16

Acetone

Concen: 51.60 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004021.D

Acq: 18 Jul 2018 09:03

Instrument :

MSVOA_W

ClientSampleId :

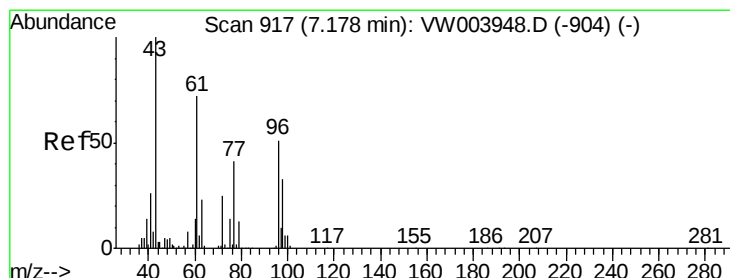
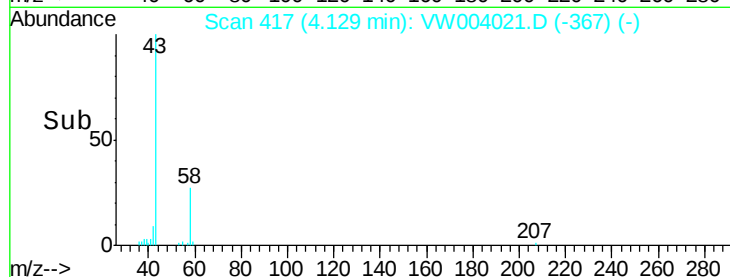
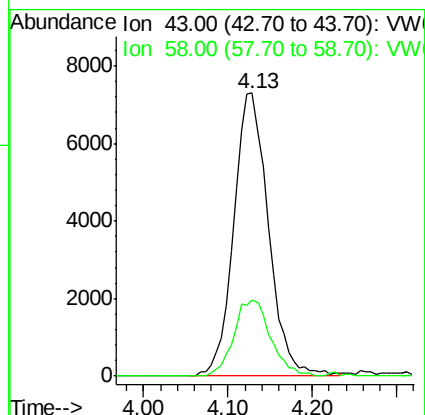
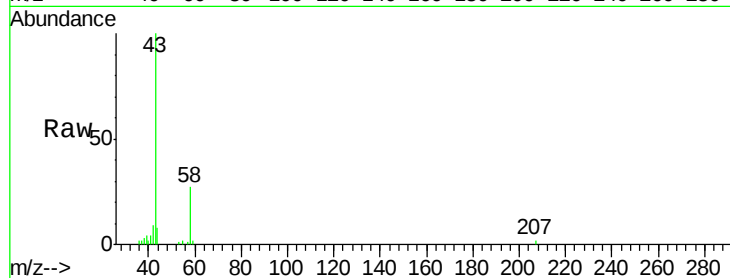
TP-F-DRE

Tot Ion: 43 Resp: 20380

Ion Ratio Lower Upper

43 100

58 27.1 24.5 36.7



#25

2-Butanone

Concen: 3.49 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004021.D

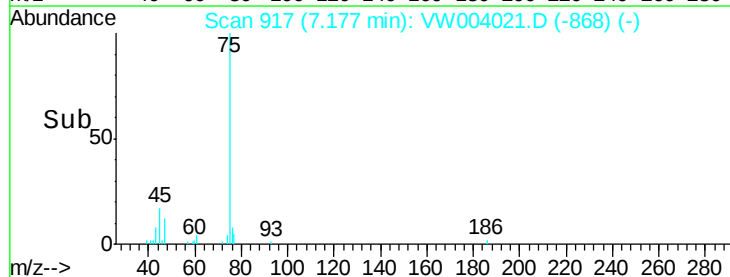
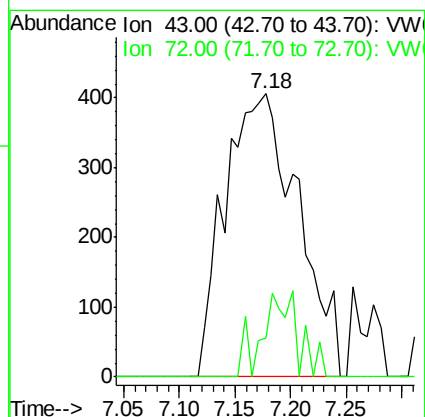
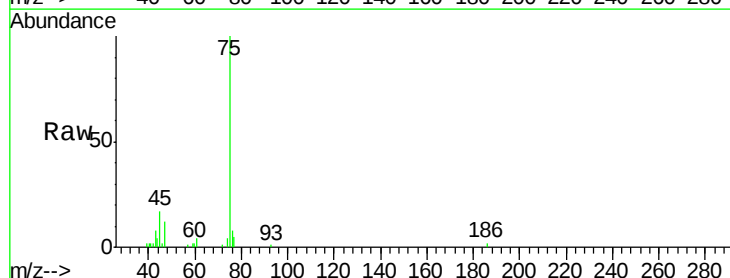
Acq: 18 Jul 2018 09:03

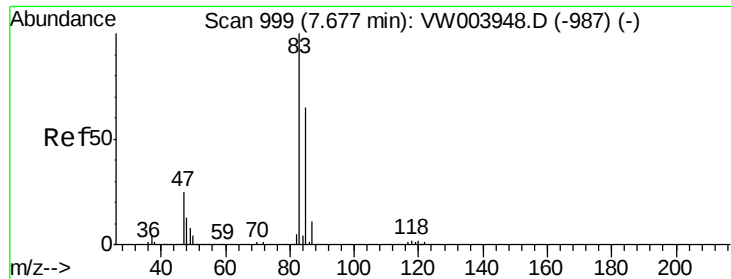
Tgt Ion: 43 Resp: 1854

Ion Ratio Lower Upper

43 100

72 13.8 19.8 29.6#

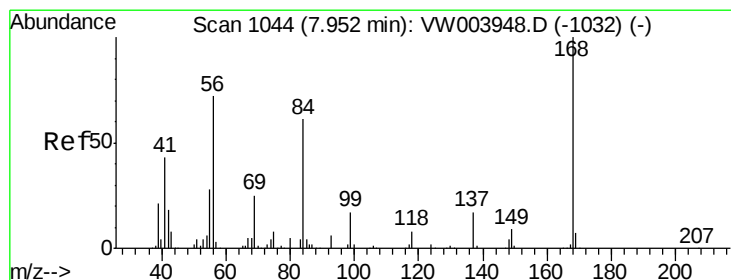
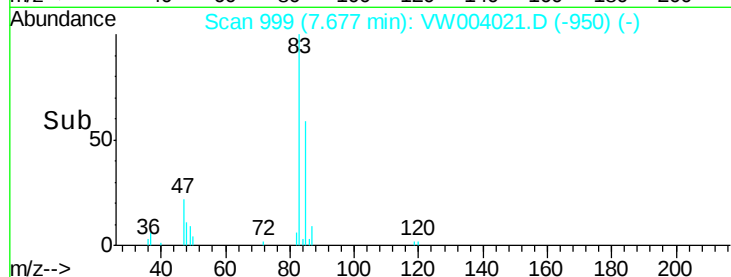
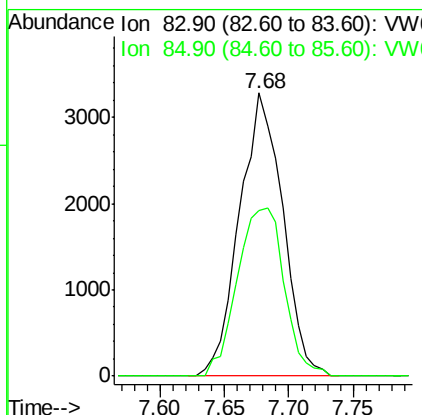
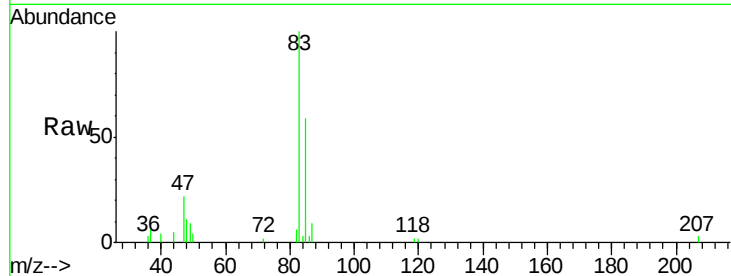




#30
Chloroform
Concen: 2.63 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004021.D
Acq: 18 Jul 2018 09:03

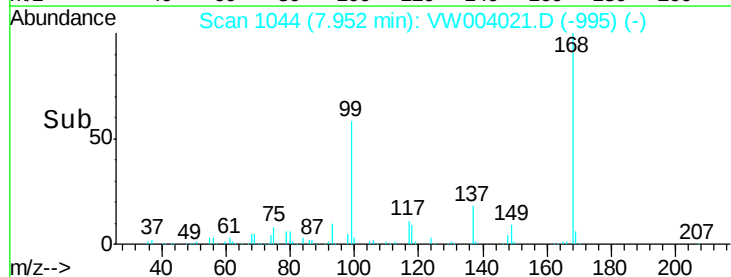
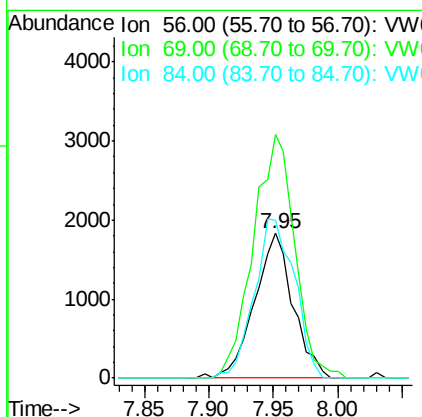
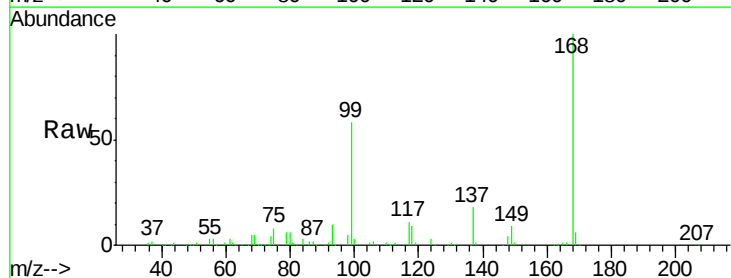
Instrument :
MSVOA_W
ClientSampleId :
TP-F-DRE

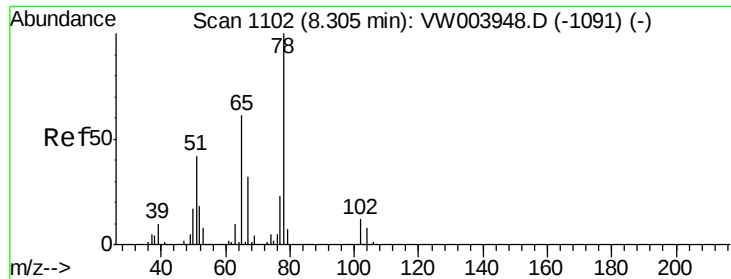
Tot Ion: 83 Resp: 7620
Ion Ratio Lower Upper
83 100
85 58.5 52.2 78.4



#31
Cyclohexane
Concen: 1.39 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004021.D
Acq: 18 Jul 2018 09:03

Tgt Ion: 56 Resp: 3801
Ion Ratio Lower Upper
56 100
69 167.9 27.8 41.8#
84 109.0 67.2 100.8#

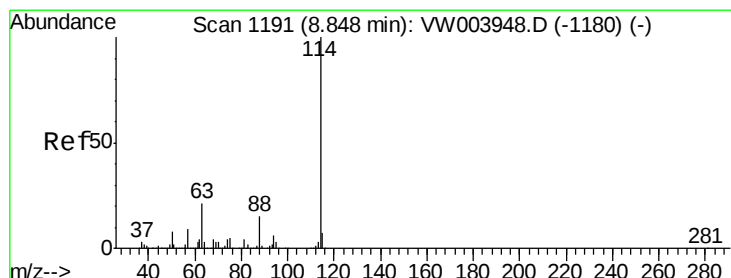
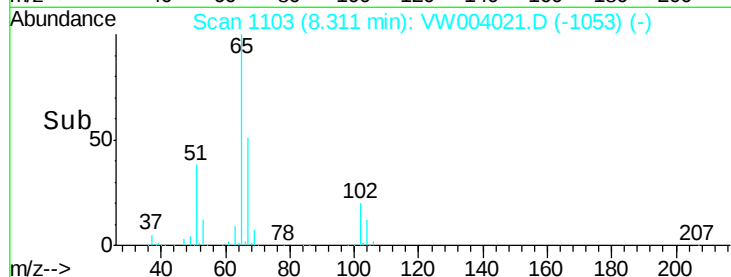
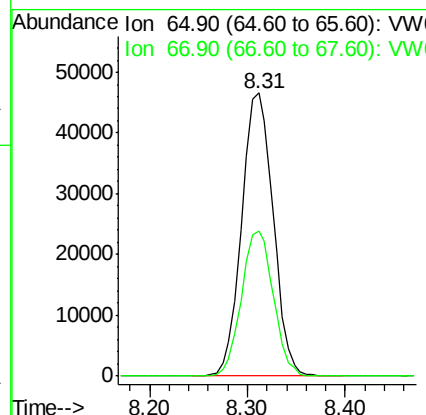
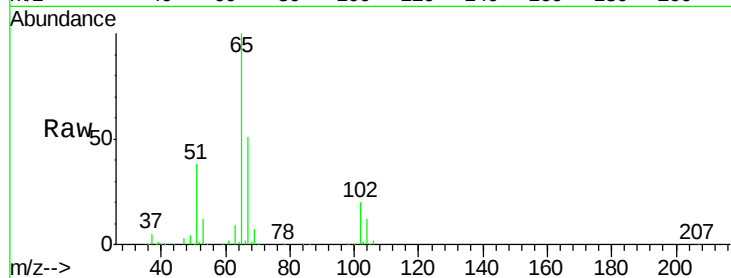




#33
 1,2-Dichloroethane-d4
 Concen: 63.38 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004021.D
 Acq: 18 Jul 2018 09:03

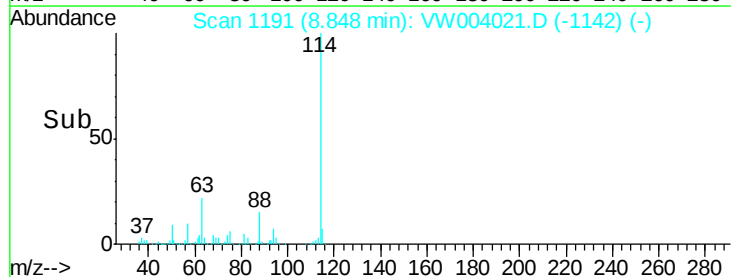
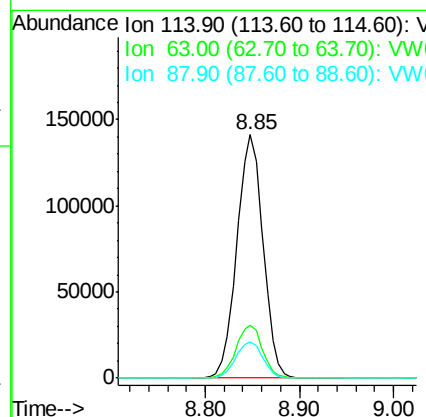
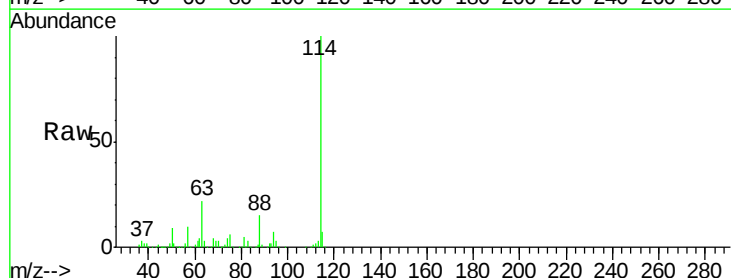
Instrument :
 MSVOA_W
 ClientSampled :
 TP-F-DRE

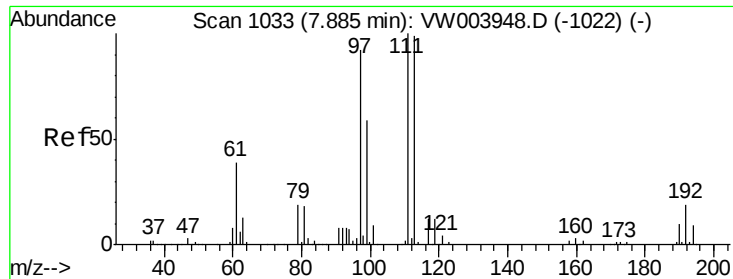
Tot Ion: 65 Resp: 104181
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004021.D
 Acq: 18 Jul 2018 09:03

Tgt Ion: 114 Resp: 272318
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.8
 88 14.8 0.0 30.4

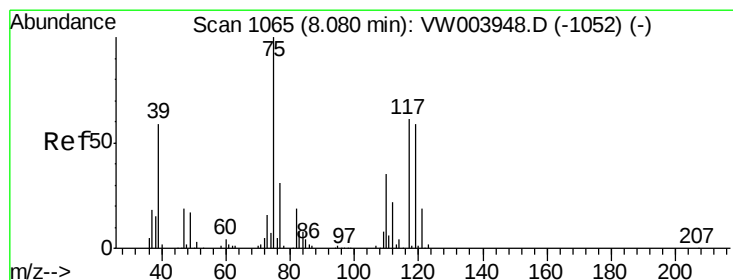
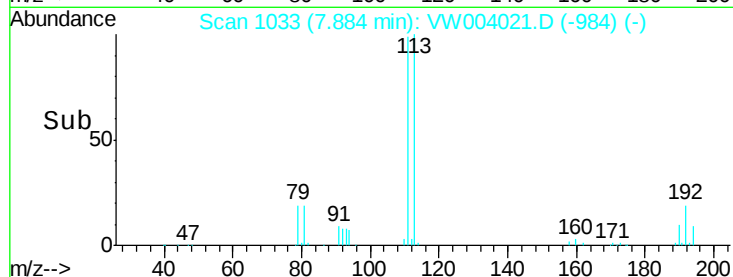
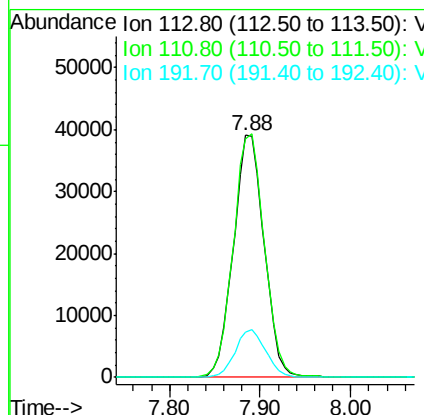
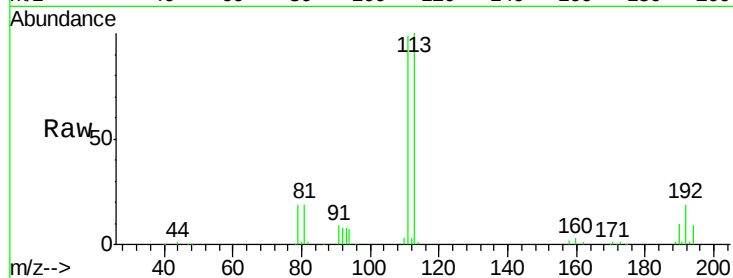




#35
 Dibromofluoromethane
 Concen: 52.62 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004021.D
 Acq: 18 Jul 2018 09:03

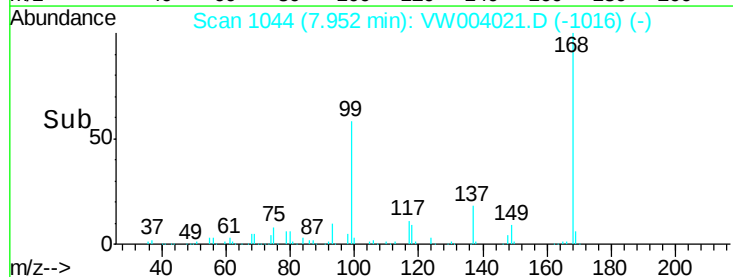
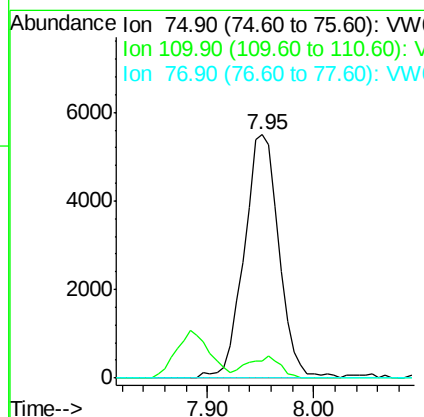
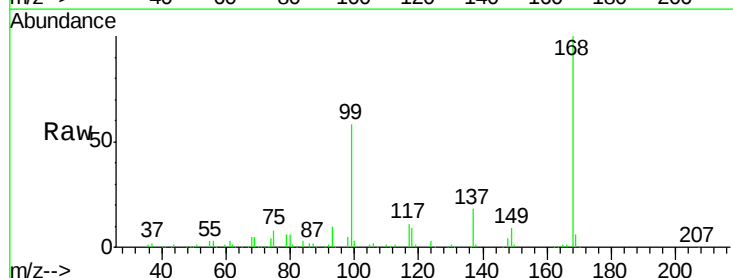
Instrument :
 MSVOA_W
 ClientSampled :
 TP-F-DRE

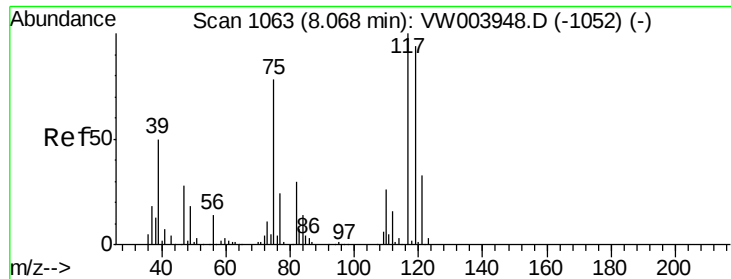
Tot Ion:113 Resp: 91947
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.3 121.9
 192 19.3 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 4.51 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004021.D
 Acq: 18 Jul 2018 09:03

Tgt Ion: 75 Resp: 12641
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.0 51.0#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.63 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004021.D

Acq: 18 Jul 2018 09:03

Instrument :

MSVOA_W

ClientSampleId :

TP-F-DRE

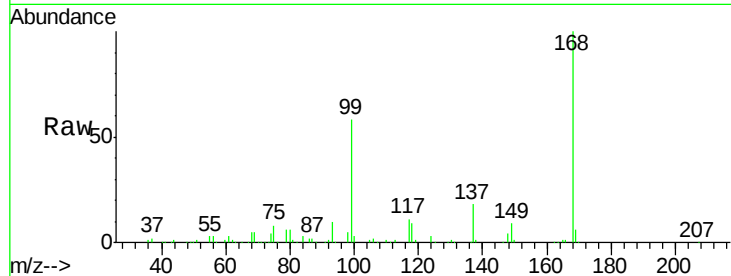
Tot Ion:117 Resp: 14744

Ion Ratio Lower Upper

117 100

119 4.8 75.3 112.9#

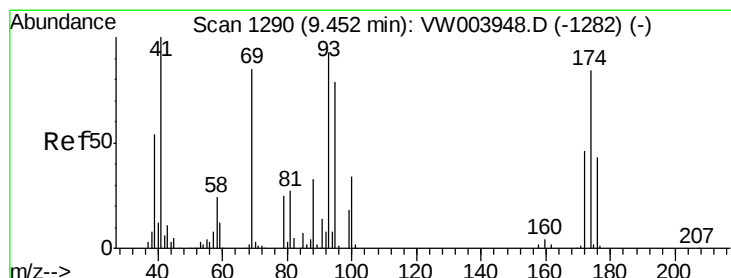
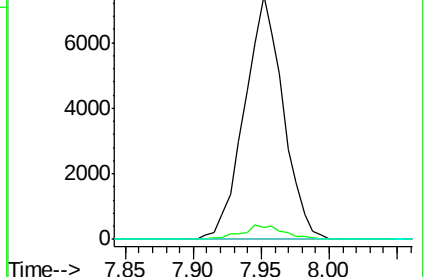
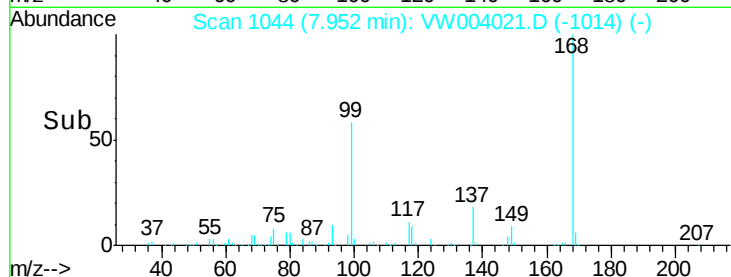
121 0.0 26.0 39.0#



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



#49

1,4-Dioxane

Concen: 1.45 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. 0.02 min

Lab File: VW004021.D

Acq: 18 Jul 2018 09:03

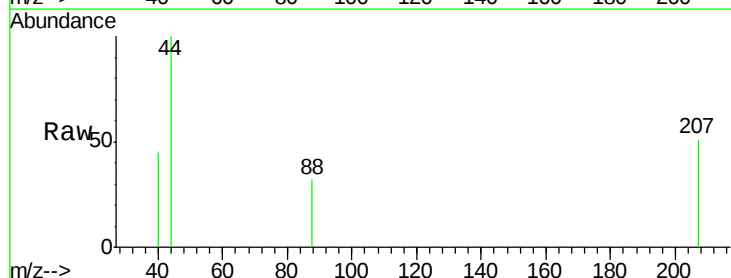
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 0.0 27.3 40.9#

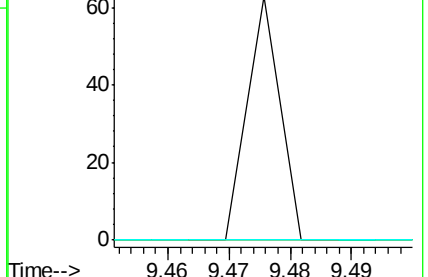
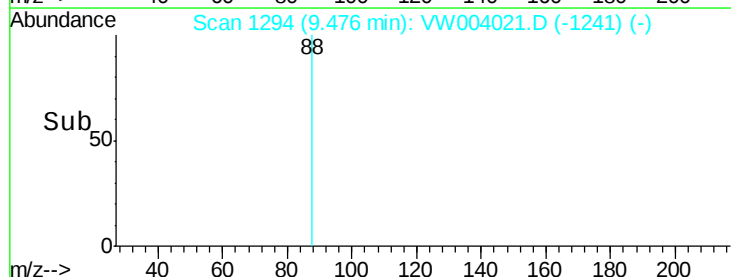
58 0.0 61.1 91.7#

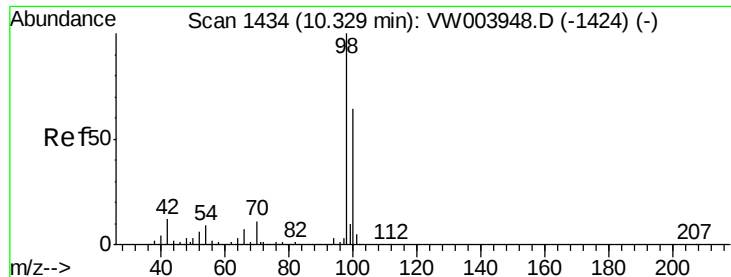


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 45.43 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004021.D

Acq: 18 Jul 2018 09:03

Instrument :

MSVOA_W

ClientSampleId :

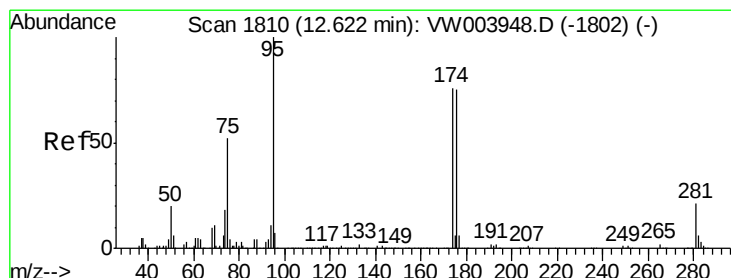
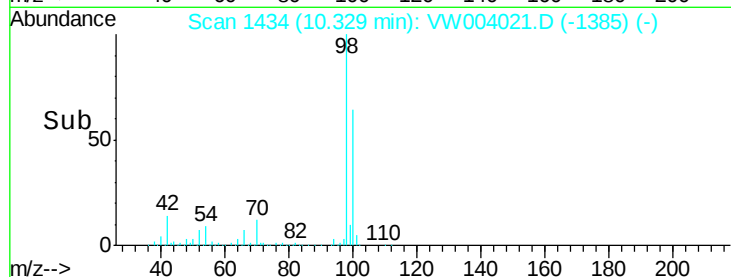
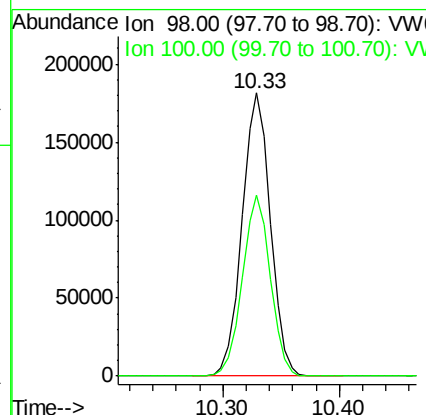
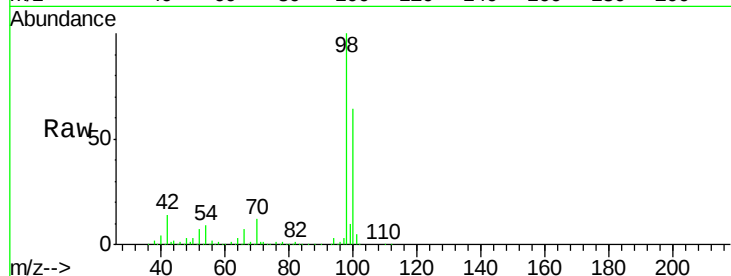
TP-F-DRE

Tot Ion: 98 Resp: 308023

Ion Ratio Lower Upper

98 100

100 63.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 41.07 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004021.D

Acq: 18 Jul 2018 09:03

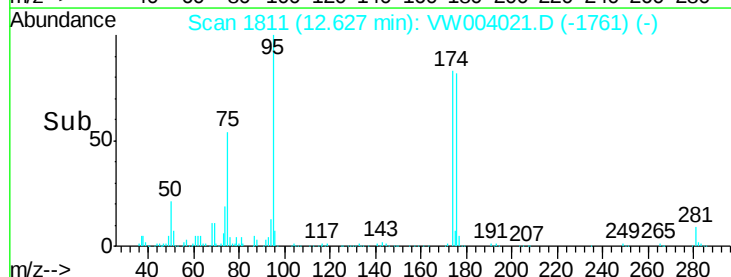
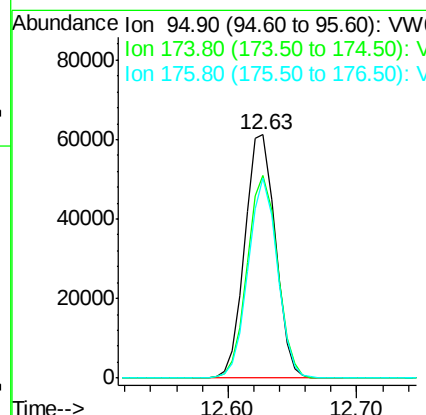
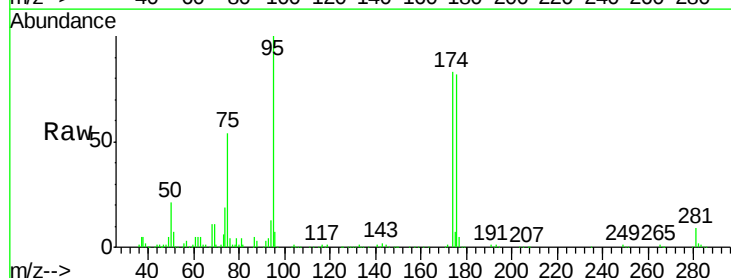
Tgt Ion: 95 Resp: 100396

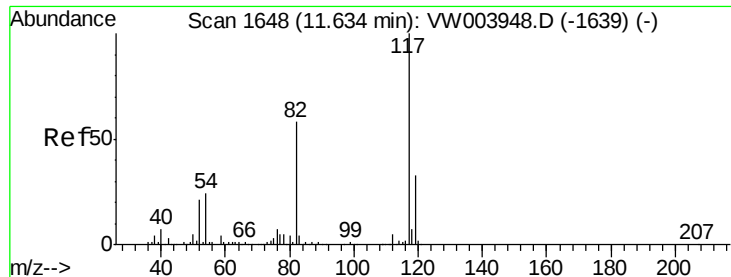
Ion Ratio Lower Upper

95 100

174 82.1 0.0 160.2

176 78.0 0.0 155.8

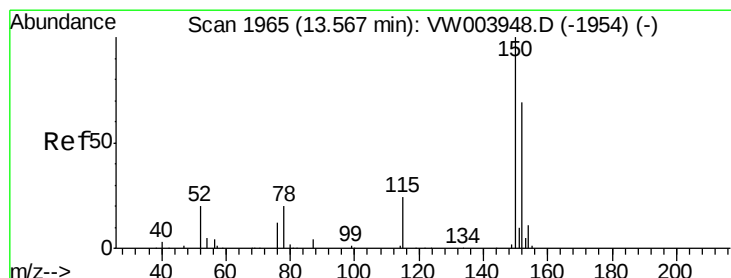
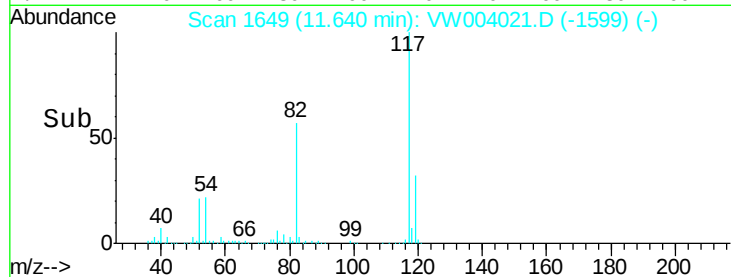
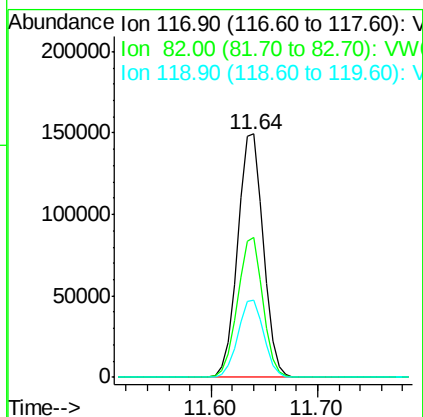
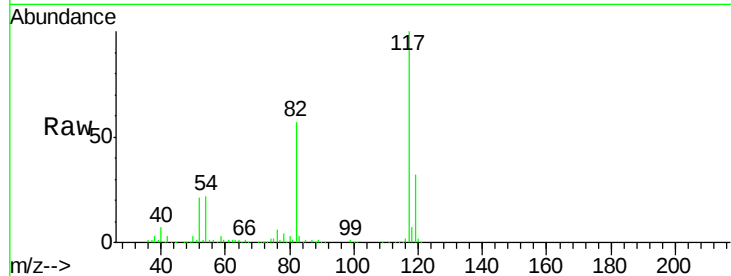




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004021.D
Acq: 18 Jul 2018 09:03

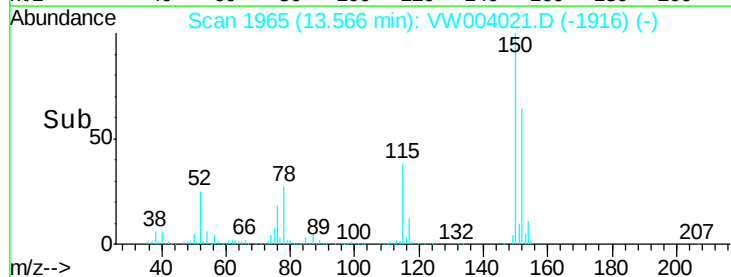
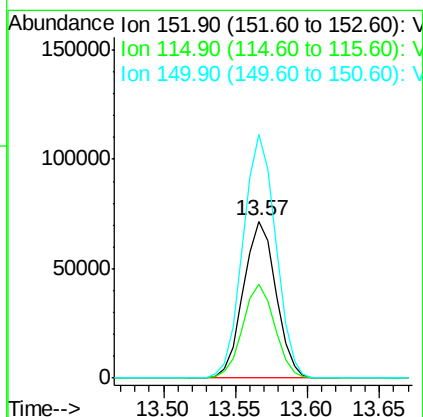
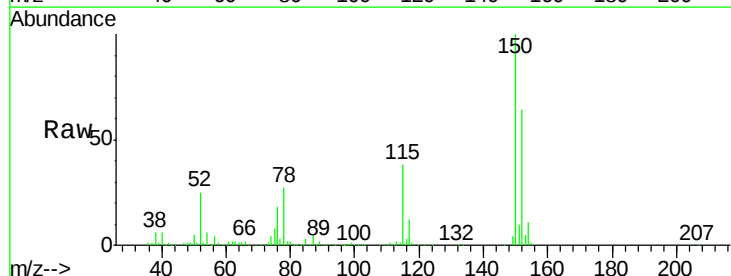
Instrument :
MSVOA_W
ClientSampleId :
TP-F-DRE

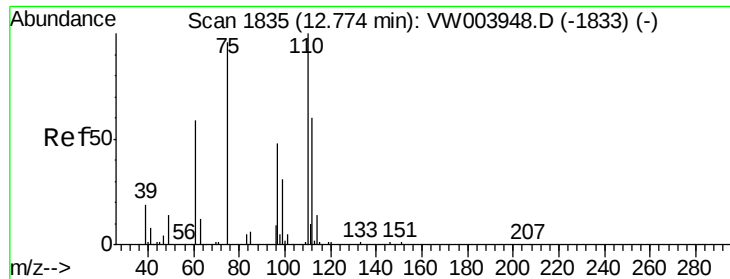
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.5	69.7
119	31.7	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004021.D
Acq: 18 Jul 2018 09:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.2	87.6
150	156.3	0.0	345.2

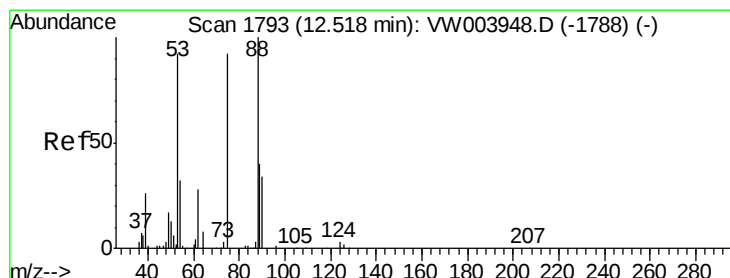
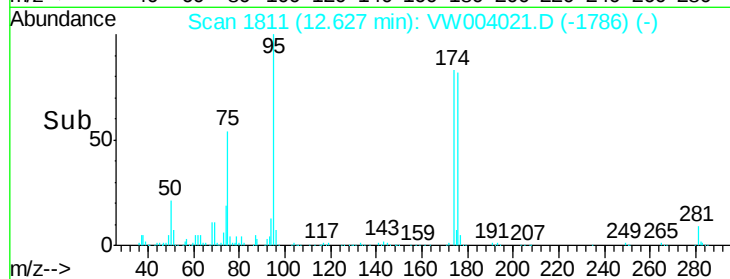
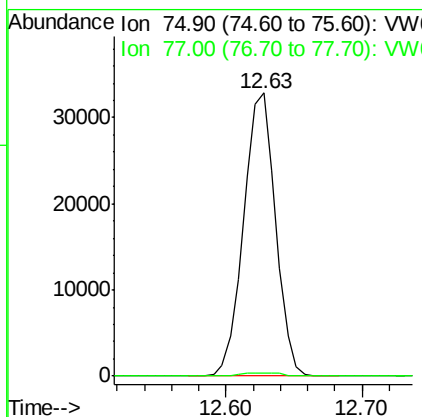
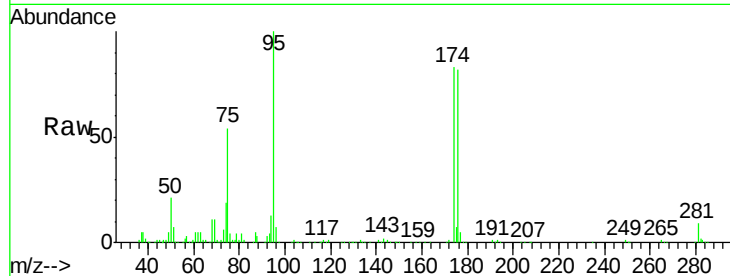




#76
 1,2,3-Trichloropropane
 Concen: 48.53 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW004021.D
 Acq: 18 Jul 2018 09:03

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-F-DRE

Tot Ion: 75 Resp: 54043
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.34 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.11 min
 Lab File: VW004021.D
 Acq: 18 Jul 2018 09:03

Tgt Ion: 75 Resp: 54043
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.6 116.4#
 89 0.1 36.6 54.8#

