

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003994.D
 Acq On : 17 Jul 2018 19:13
 Operator : VA/AP
 Sample : J3997-03
 Misc : 5.93G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-F-S

Quant Time: Jul 18 04:51:05 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	7.96	168	11299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	17810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	17544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	6768	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	9870	78.15	ug/l	0.00
Spiked Amount			Recovery	=	156.30%	
35) Dibromofluoromethane	7.89	113	7921	69.32	ug/l	0.00
Spiked Amount			Recovery	=	138.64%	
50) Toluene-d8	10.33	98	20616	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	
62) 4-Bromofluorobenzene	12.62	95	6447	40.32	ug/l	0.00
Spiked Amount			Recovery	=	80.64%	

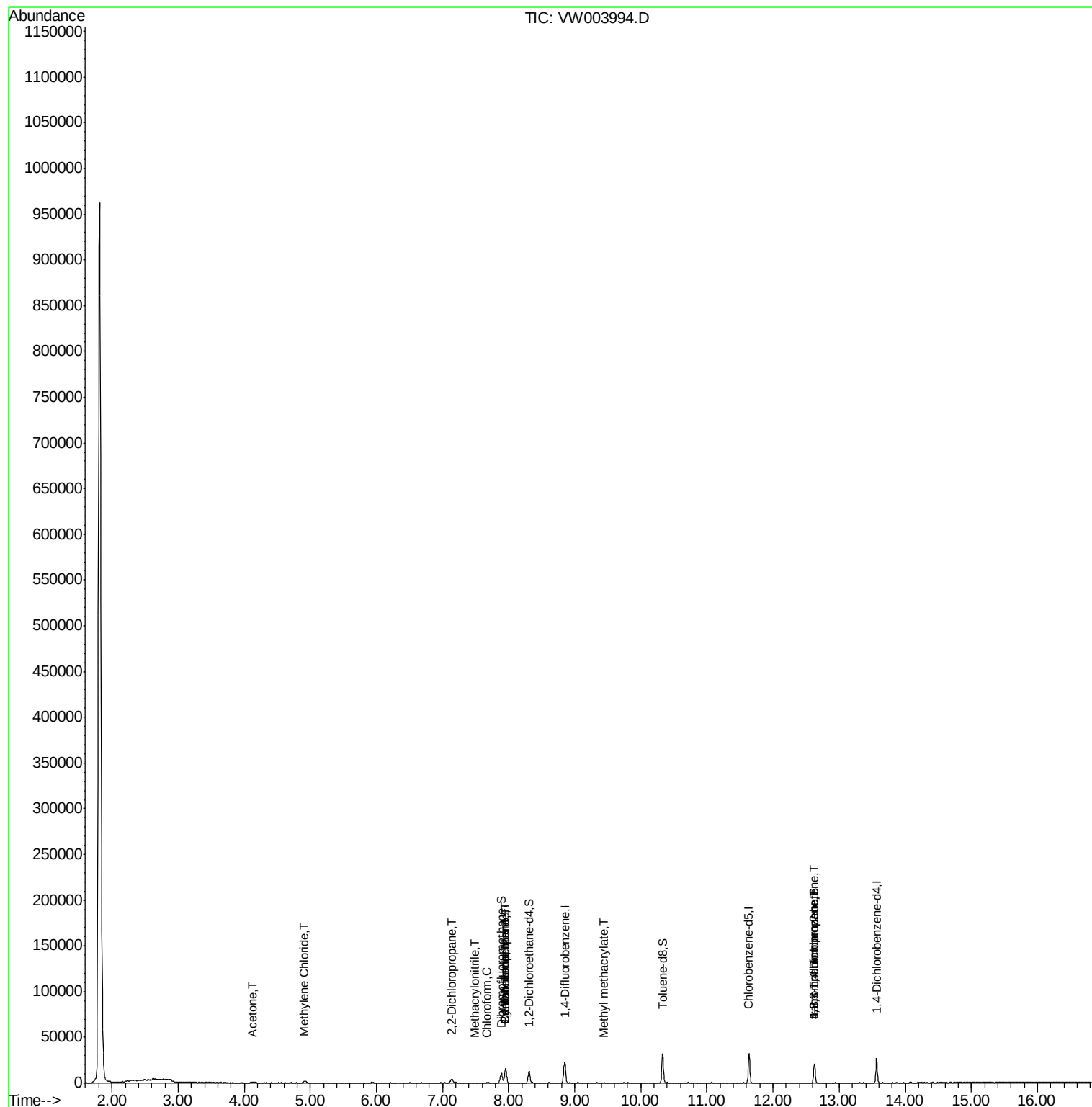
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	1852	61.022	ug/l #	80
20) Methylene Chloride	4.90	84	1410	3.160	ug/l #	75
26) 2,2-Dichloropropane	7.14	77	345	2.689	ug/l #	52
30) Chloroform	7.68	83	362	1.628	ug/l	85
31) Cyclohexane	7.95	56	312	1.489	ug/l #	63
36) 1,1-Dichloropropene	7.96	75	992	5.414	ug/l #	44
38) Carbon Tetrachloride	7.95	117	1228	7.172	ug/l #	13
41) Methacrylonitrile	7.49	41	52	1.062	ug/l #	38
48) Methyl methacrylate	9.45	41	85	1.063	ug/l #	13
76) 1,2,3-Trichloropropane	12.62	75	3457	51.451	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	3457	113.807	ug/l #	11

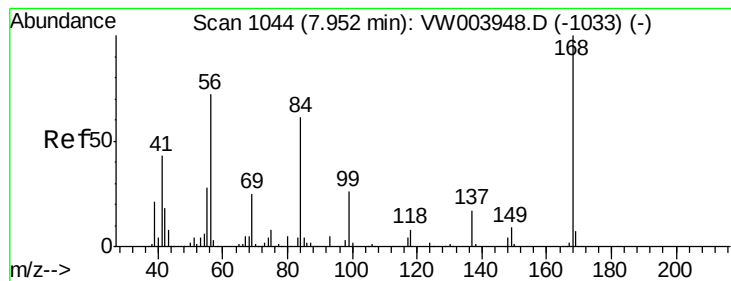
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
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Acq On : 17 Jul 2018 19:13
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Misc : 5.93G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-F-S

Quant Time: Jul 18 04:51:05 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: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW003994.D

Acq: 17 Jul 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

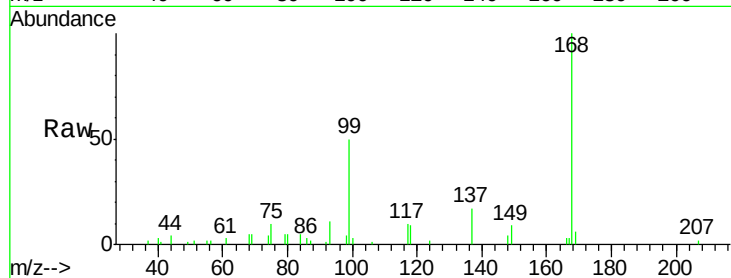
TP-F-S

Tot Ion:168 Resp: 11299

Ion Ratio Lower Upper

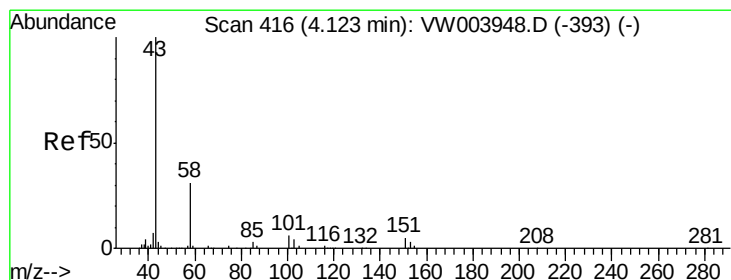
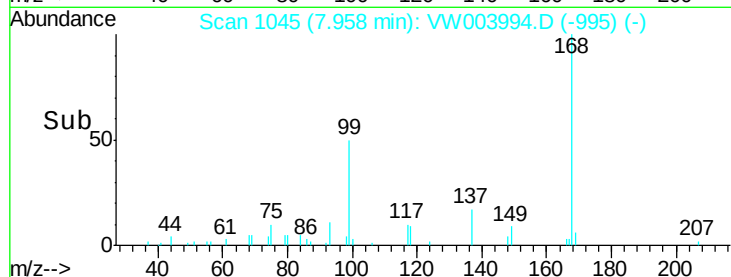
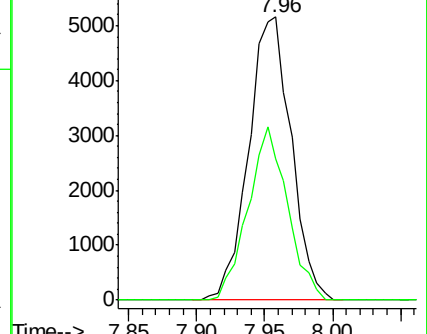
168 100

99 49.8 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 61.022 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW003994.D

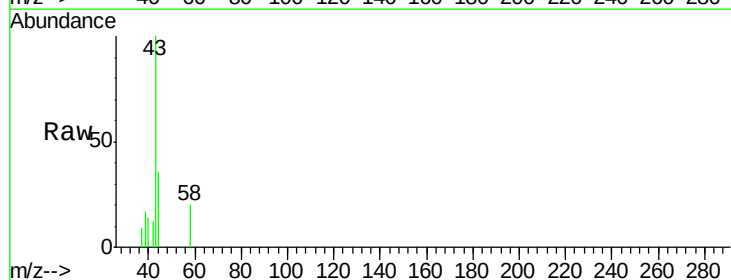
Acq: 17 Jul 2018 19:13

Tgt Ion: 43 Resp: 1852

Ion Ratio Lower Upper

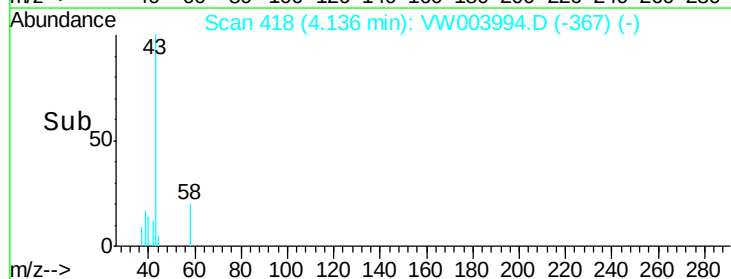
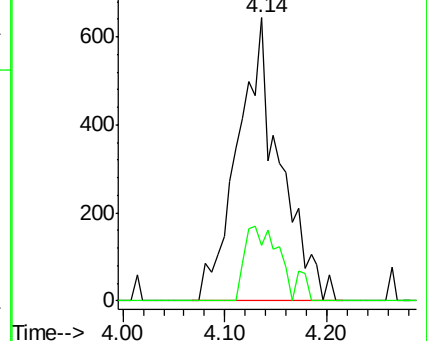
43 100

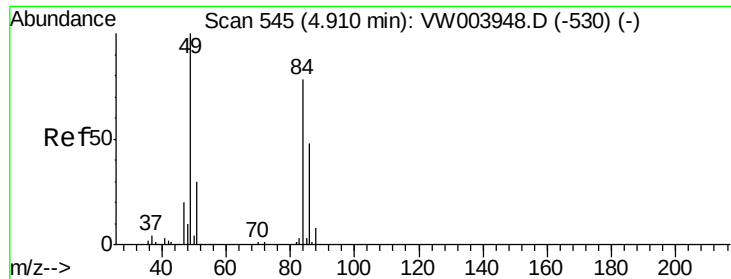
58 19.6 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

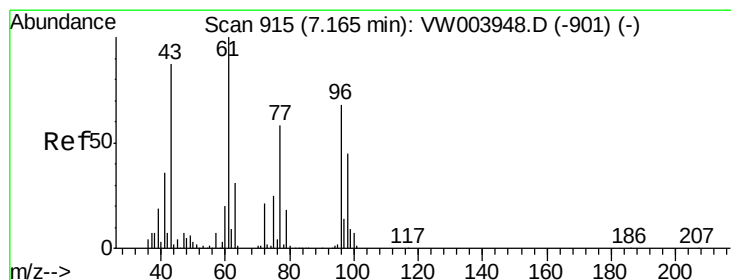
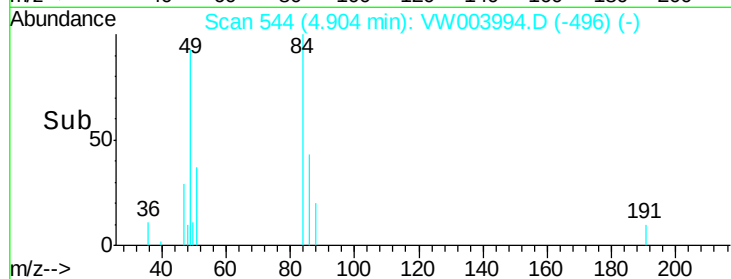
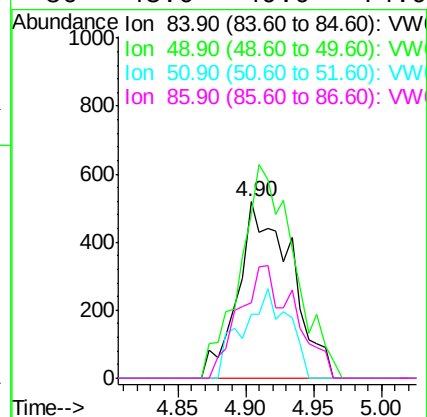
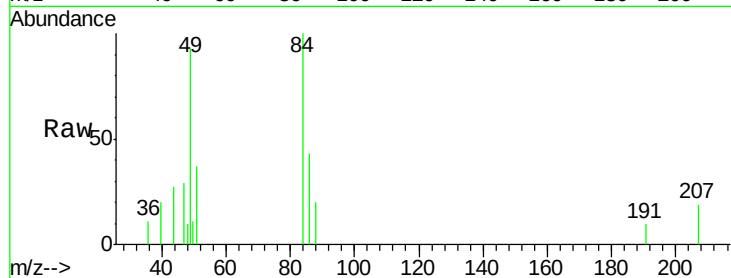




#20
Methylene Chloride
Concen: 3.160 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003994.D
Acq: 17 Jul 2018 19:13

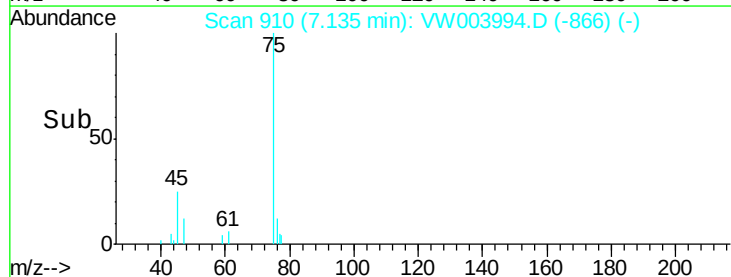
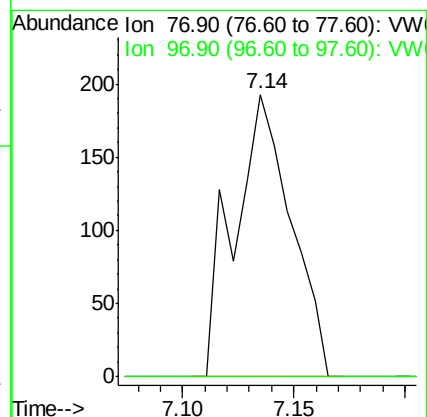
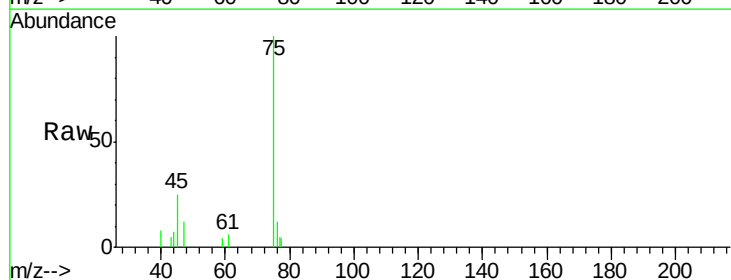
Instrument :
MSVOA_W
ClientSampleId :
TP-F-S

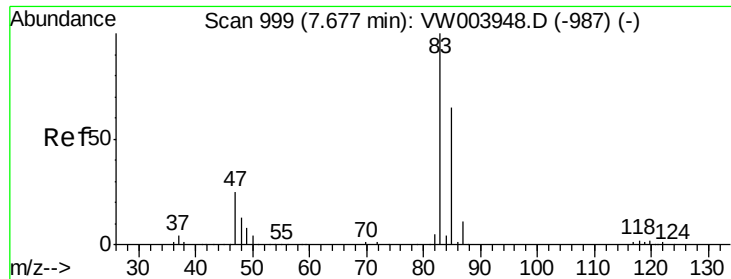
Tot Ion: 84 Resp: 1410
Ion Ratio Lower Upper
84 100
49 93.1 102.9 154.3#
51 36.6 30.9 46.3
86 43.0 49.9 74.9#



#26
2,2-Dichloropropane
Concen: 2.689 ug/l
RT: 7.14 min Scan# 910
Delta R.T. -0.03 min
Lab File: VW003994.D
Acq: 17 Jul 2018 19:13

Tgt Ion: 77 Resp: 345
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.3#

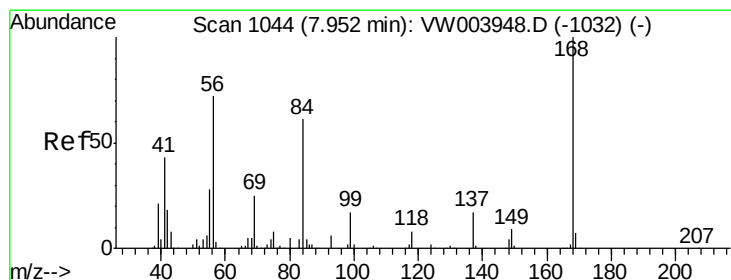
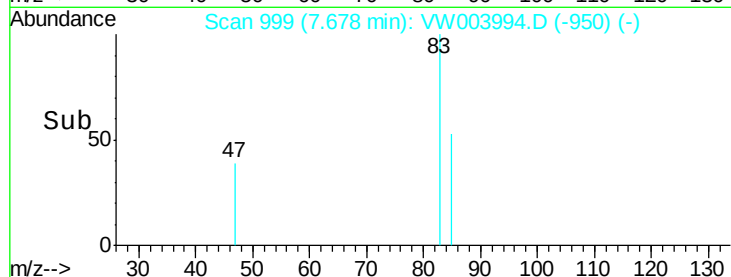
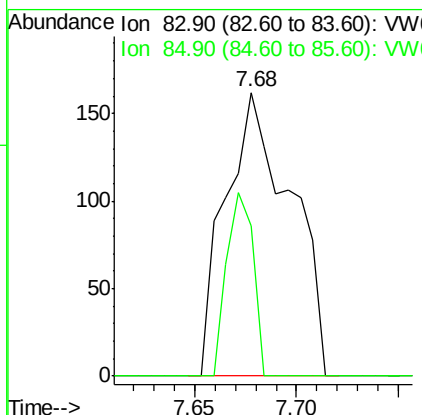
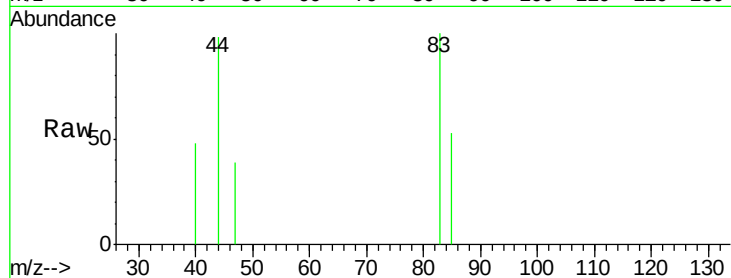




#30
Chloroform
Concen: 1.628 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003994.D
Acq: 17 Jul 2018 19:13

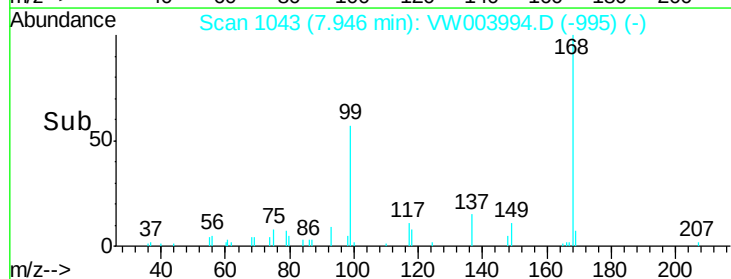
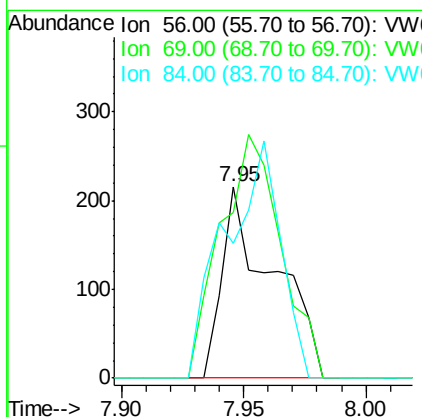
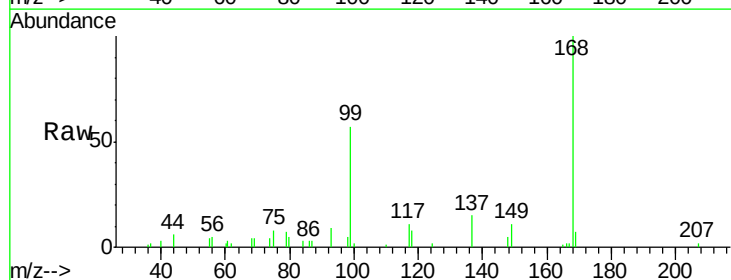
Instrument :
MSVOA_W
ClientSampleId :
TP-F-S

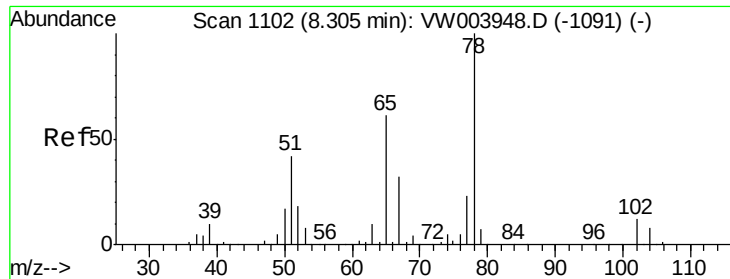
Tot Ion: 83 Resp: 362
Ion Ratio Lower Upper
83 100
85 53.1 52.2 78.4



#31
Cyclohexane
Concen: 1.489 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003994.D
Acq: 17 Jul 2018 19:13

Tgt Ion: 56 Resp: 312
Ion Ratio Lower Upper
56 100
69 86.6 27.8 41.8#
84 70.4 67.2 100.8

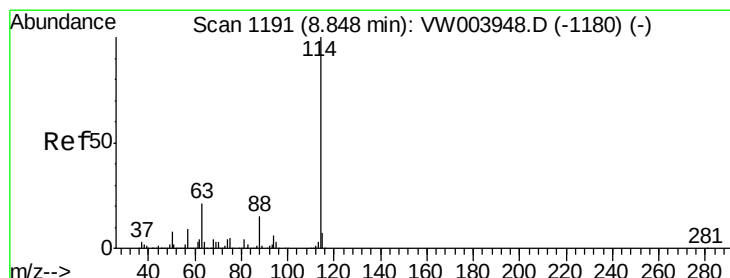
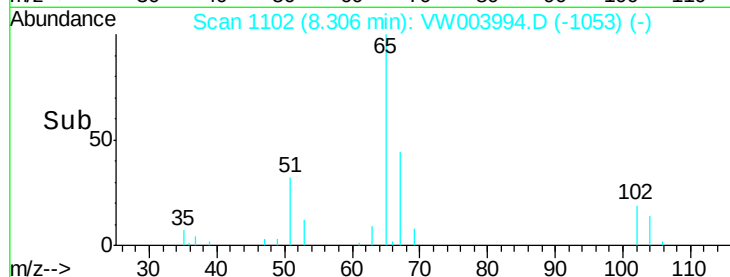
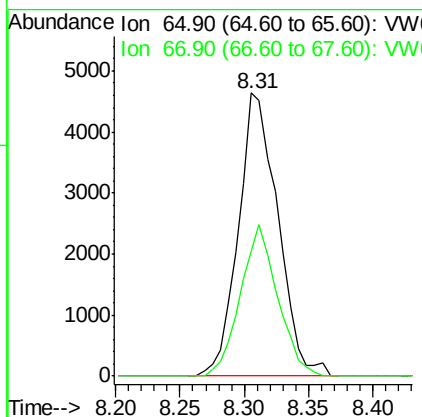
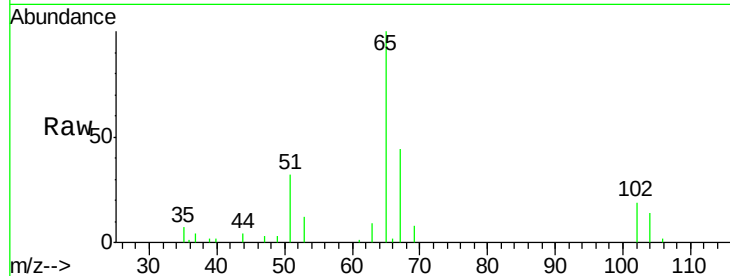




#33
 1,2-Dichloroethane-d4
 Concen: 78.147 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003994.D
 Acq: 17 Jul 2018 19:13

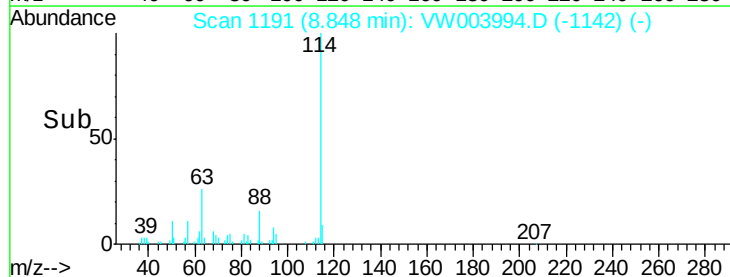
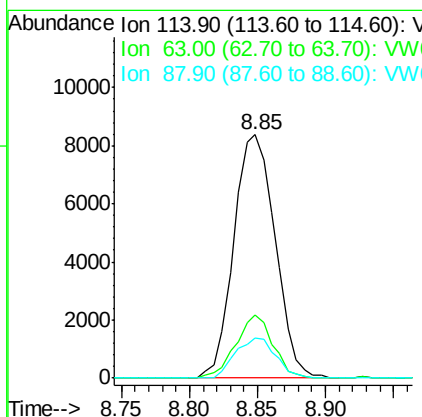
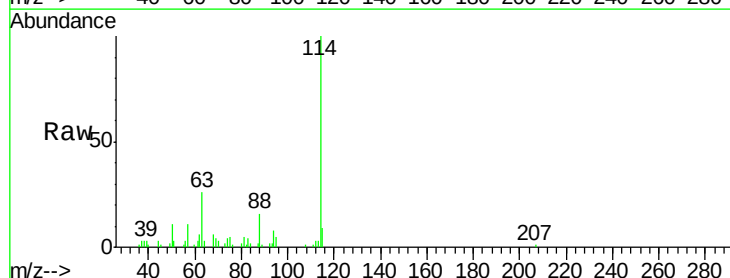
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-F-S

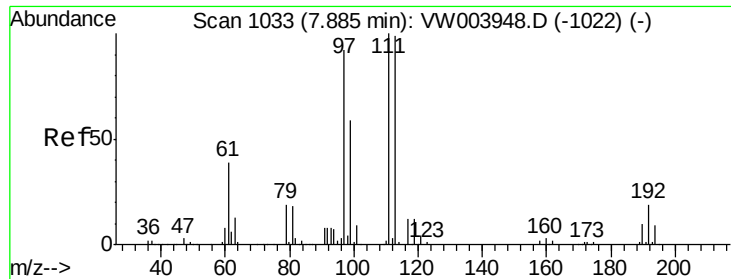
Tot Ion: 65 Resp: 9870
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003994.D
 Acq: 17 Jul 2018 19:13

Tgt Ion: 114 Resp: 17810
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 42.8
 88 16.2 0.0 30.4

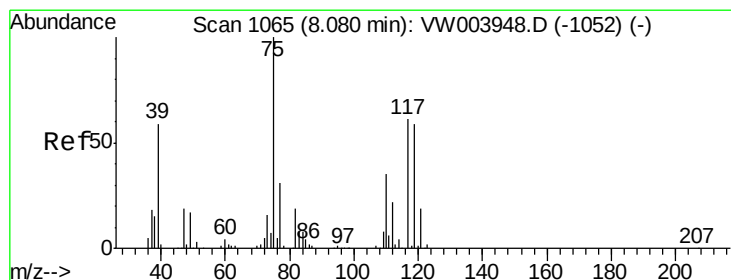
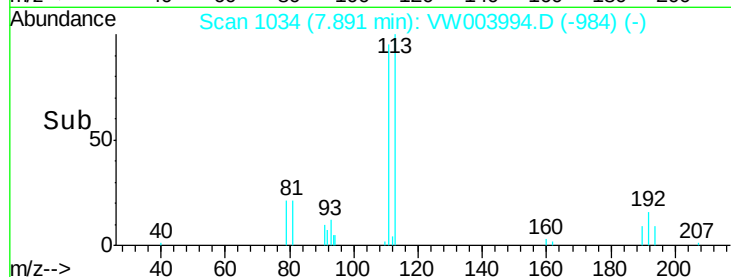
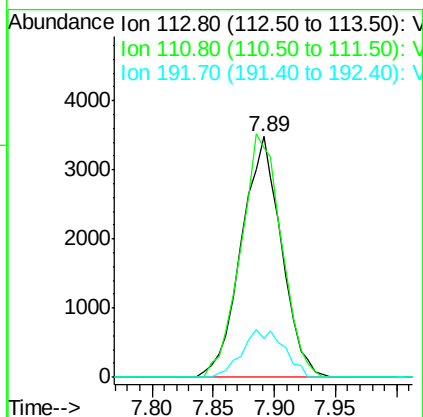
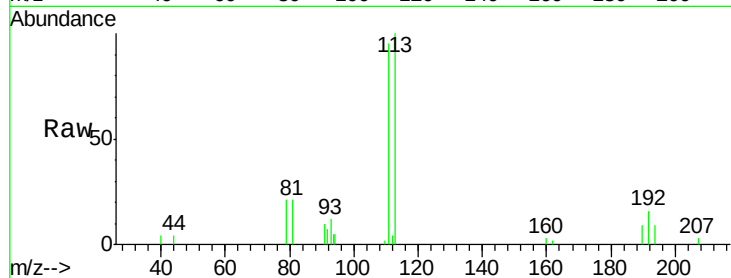




#35
 Dibromofluoromethane
 Concen: 69.316 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003994.D
 Acq: 17 Jul 2018 19:13

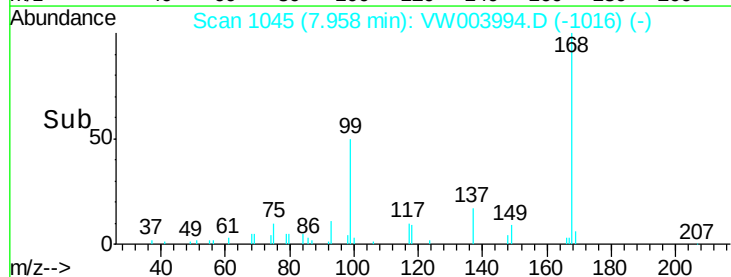
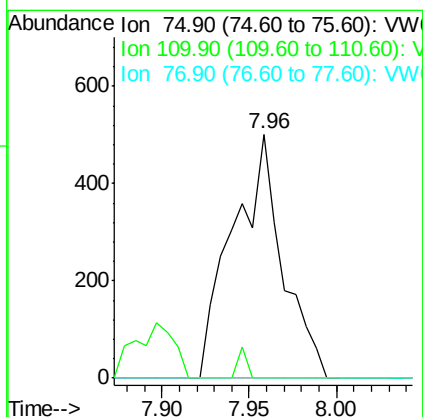
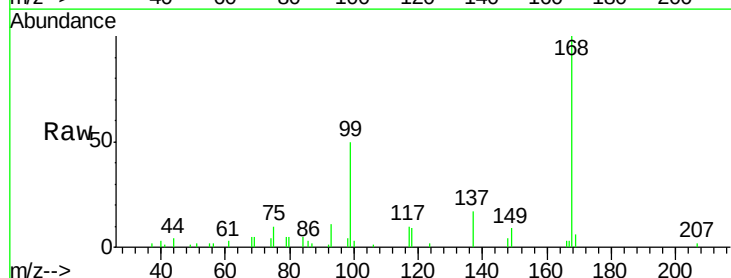
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-F-S

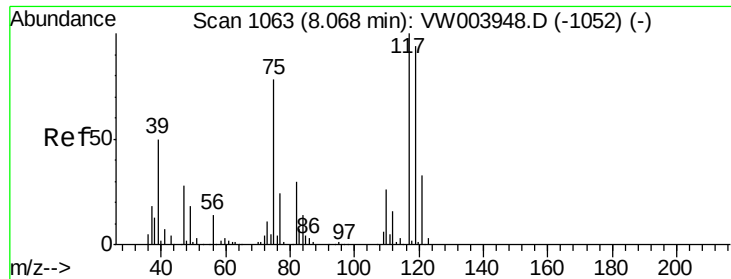
Tot Ion:113 Resp: 7921
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.3 121.9
 192 20.7 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 5.414 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.12 min
 Lab File: VW003994.D
 Acq: 17 Jul 2018 19:13

Tgt Ion: 75 Resp: 992
 Ion Ratio Lower Upper
 75 100
 110 2.3 17.0 51.0#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 7.172 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003994.D

Acq: 17 Jul 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

TP-F-S

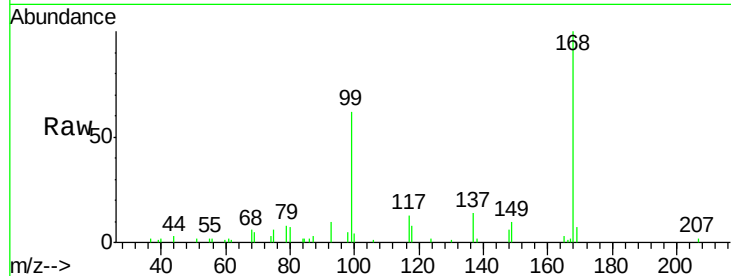
Tot Ion:117 Resp: 1228

Ion Ratio Lower Upper

117 100

119 0.0 75.3 112.9#

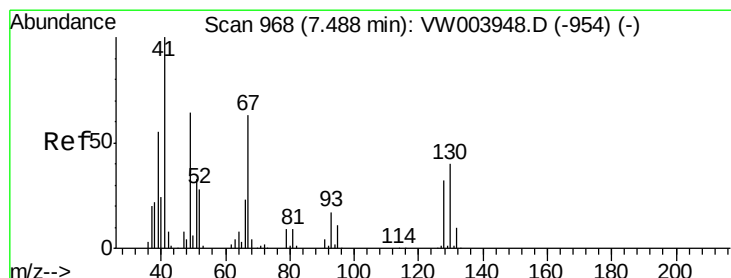
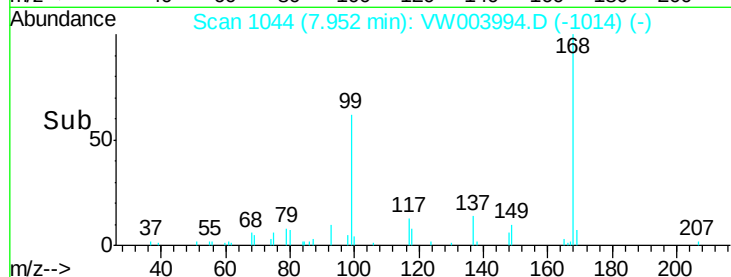
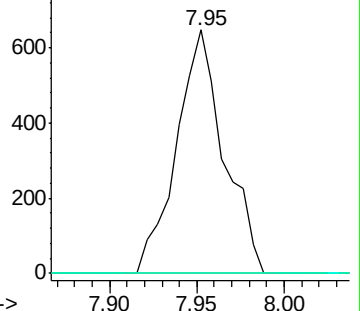
121 0.0 26.0 39.0#



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



#41

Methacrylonitrile

Concen: 1.062 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW003994.D

Acq: 17 Jul 2018 19:13

Tgt Ion: 41 Resp: 52

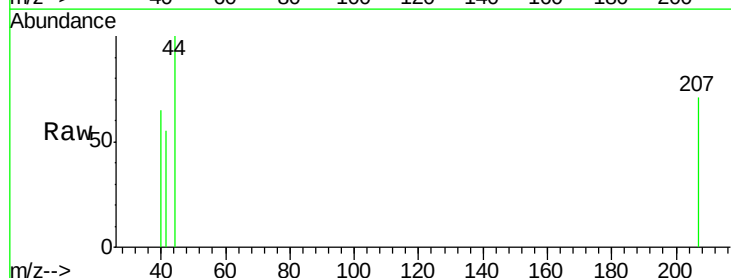
Ion Ratio Lower Upper

41 100

39 38.5 50.0 75.0#

67 0.0 60.8 91.2#

52 0.0 26.2 39.4#

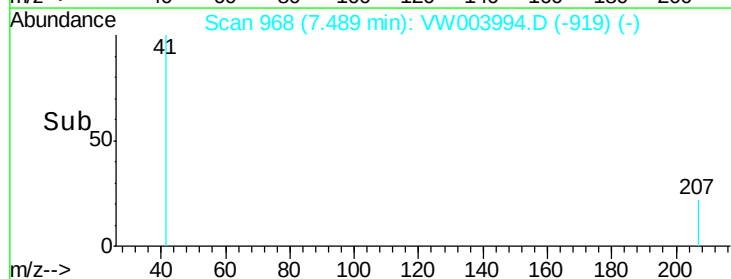
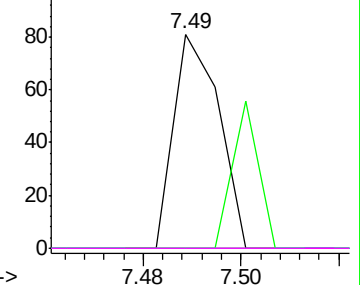


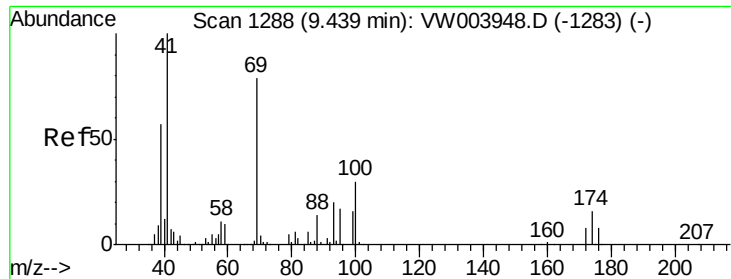
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW





#48

Methyl methacrylate

Concen: 1.063 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VW003994.D

Acq: 17 Jul 2018 19:13

Instrument :

MSVOA_W

ClientSampled :

TP-F-S

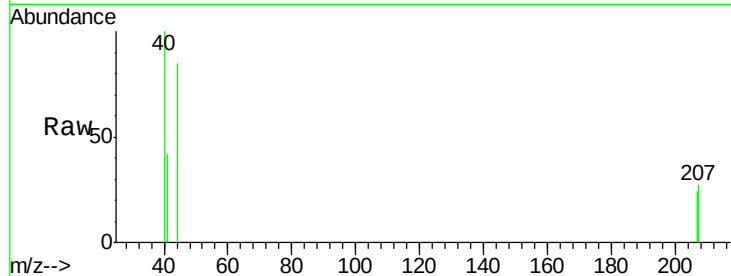
Tot Ion: 41 Resp: 85

Ion Ratio Lower Upper

41 100

69 0.0 67.0 100.6#

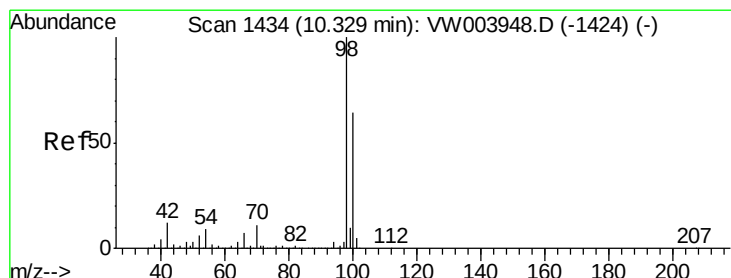
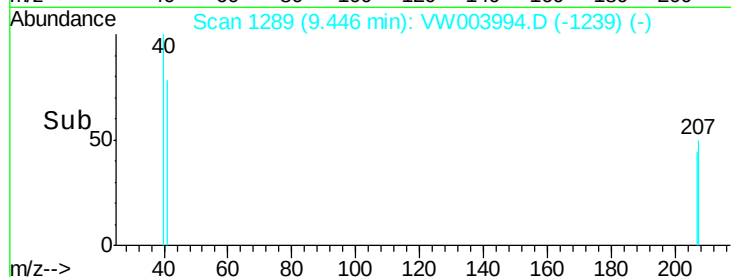
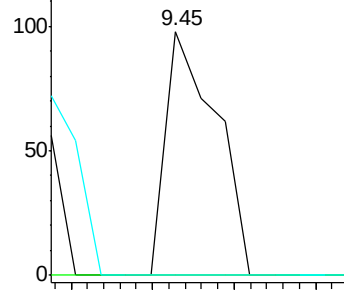
39 0.0 48.8 73.2#



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW



#50

Toluene-d8

Concen: 46.495 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003994.D

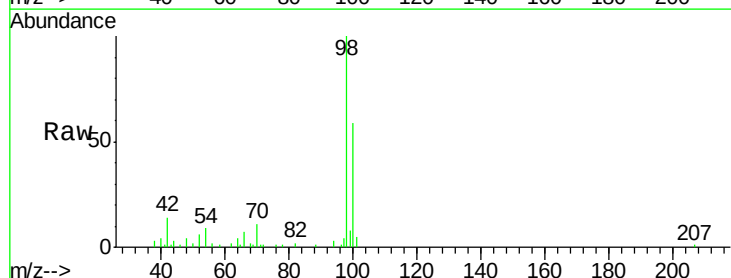
Acq: 17 Jul 2018 19:13

Tgt Ion: 98 Resp: 20616

Ion Ratio Lower Upper

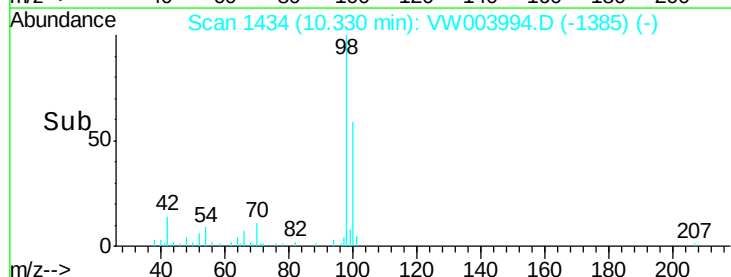
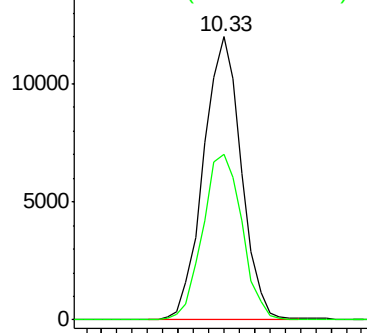
98 100

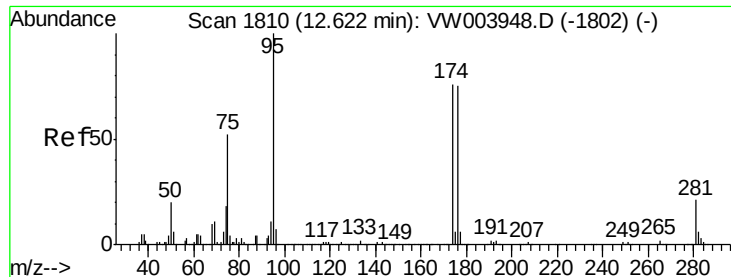
100 61.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

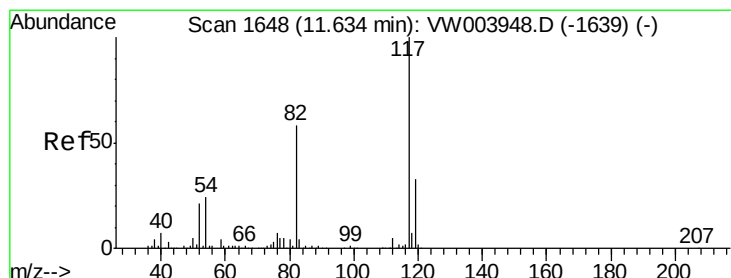
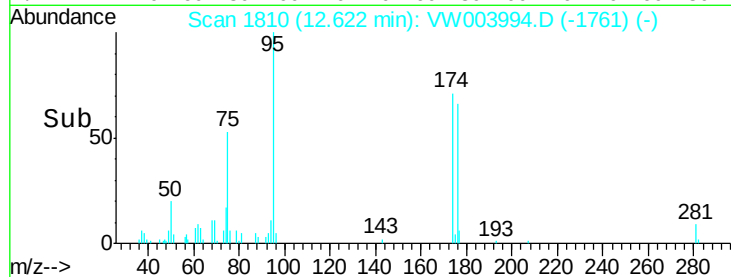
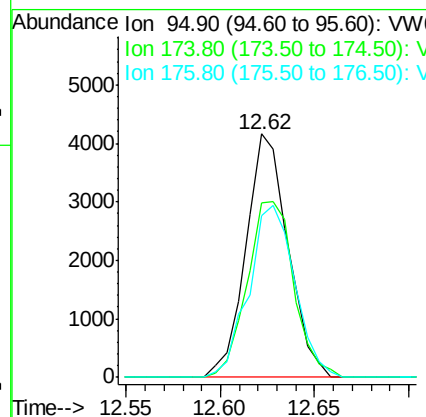
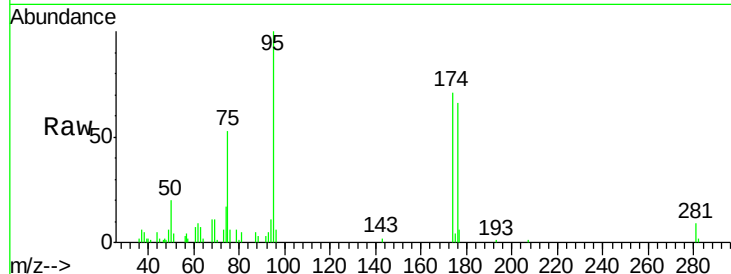




#62
4-Bromofluorobenzene
Concen: 40.321 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW003994.D
Acq: 17 Jul 2018 19:13

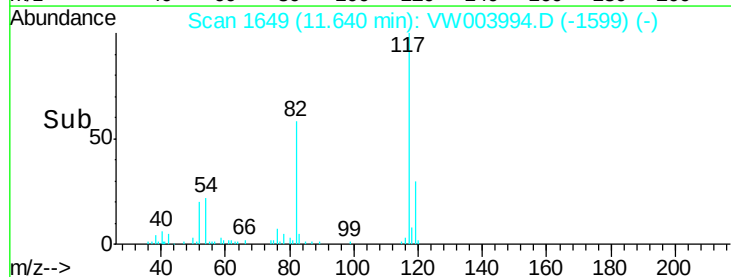
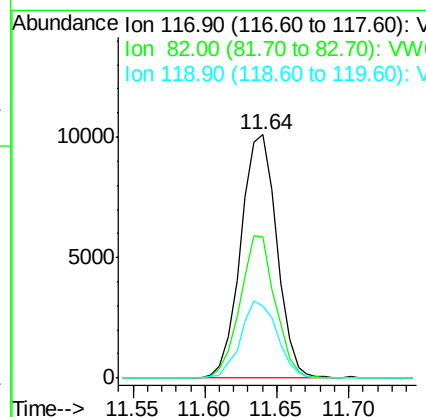
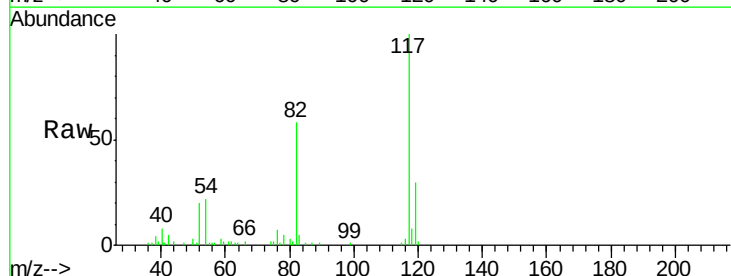
Instrument :
MSVOA_W
ClientSampleId :
TP-F-S

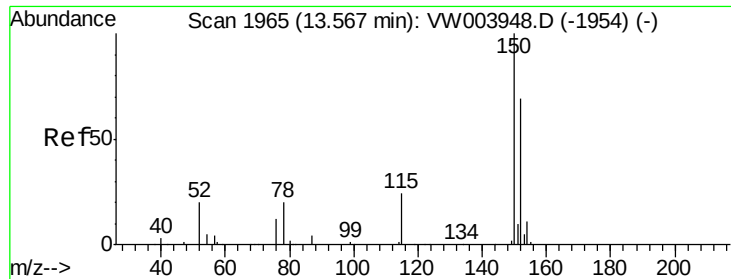
Tot Ion: 95 Resp: 6447
Ion Ratio Lower Upper
95 100
174 79.6 0.0 160.2
176 77.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW003994.D
Acq: 17 Jul 2018 19:13

Tgt Ion: 117 Resp: 17544
Ion Ratio Lower Upper
117 100
82 57.8 46.5 69.7
119 29.6 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003994.D

Acq: 17 Jul 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

TP-F-S

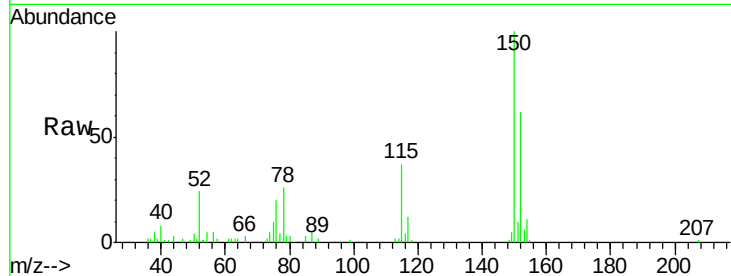
Tot Ion:152 Resp: 6768

Ion Ratio Lower Upper

152 100

115 58.4 29.2 87.6

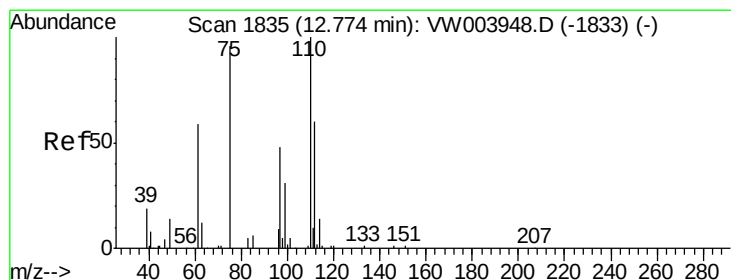
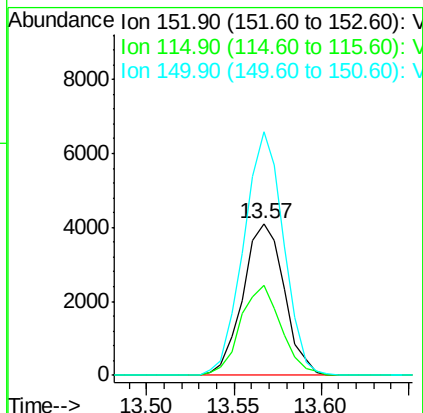
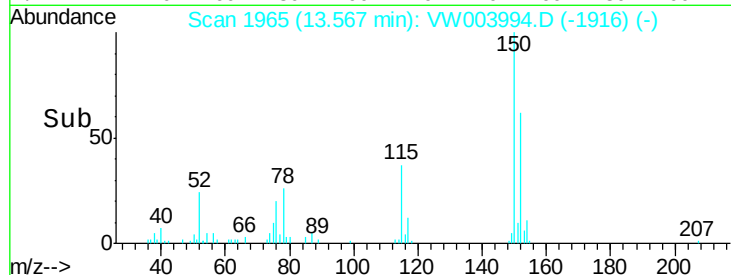
150 155.4 0.0 345.2



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: 51.451 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003994.D

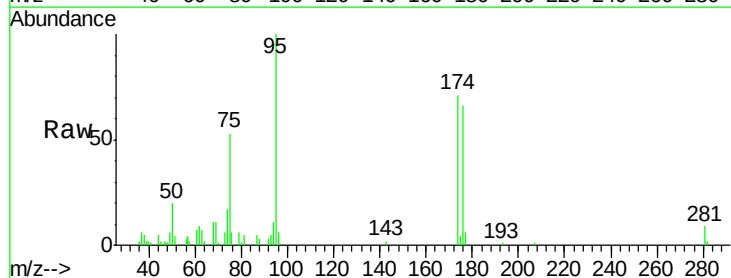
Acq: 17 Jul 2018 19:13

Tgt Ion: 75 Resp: 3457

Ion Ratio Lower Upper

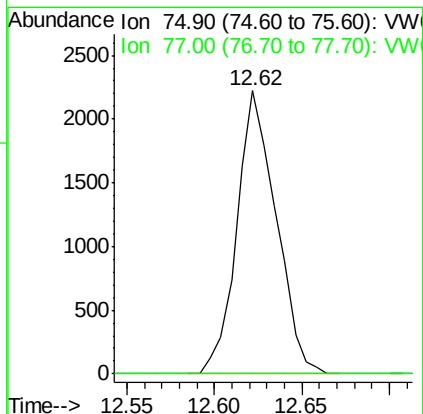
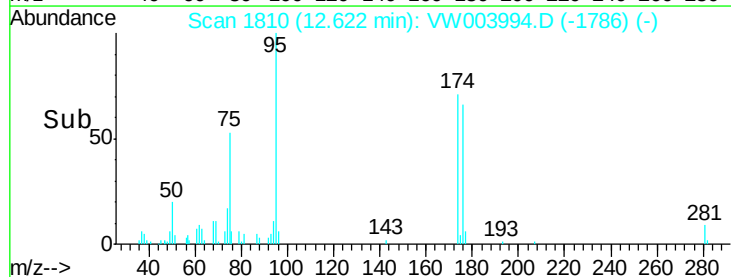
75 100

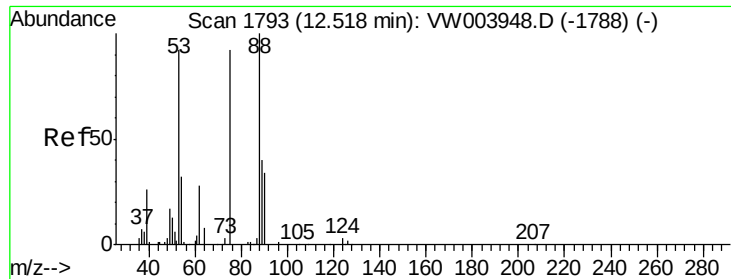
77 0.0 0.0 0.0



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: 113.807 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003994.D

Acq: 17 Jul 2018 19:13

Instrument :

MSVOA_W

ClientSampleId :

TP-F-S

Tot Ion: 75 Resp: 3457

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.6 54.8#

