

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003789.D
 Acq On : 09 Jul 2018 20:20
 Operator : SY/AP
 Sample : J3901-03
 Misc : 6.53G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-9-S

Quant Time: Jul 10 01:56:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	51292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	80922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	34071	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	31132	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	
35) Dibromofluoromethane	7.88	113	26925	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	10.33	98	74005	34.16	ug/l	0.00
Spiked Amount			Recovery	=	68.32%	
62) 4-Bromofluorobenzene	12.62	95	23820	30.39	ug/l	0.00
Spiked Amount			Recovery	=	60.78%	

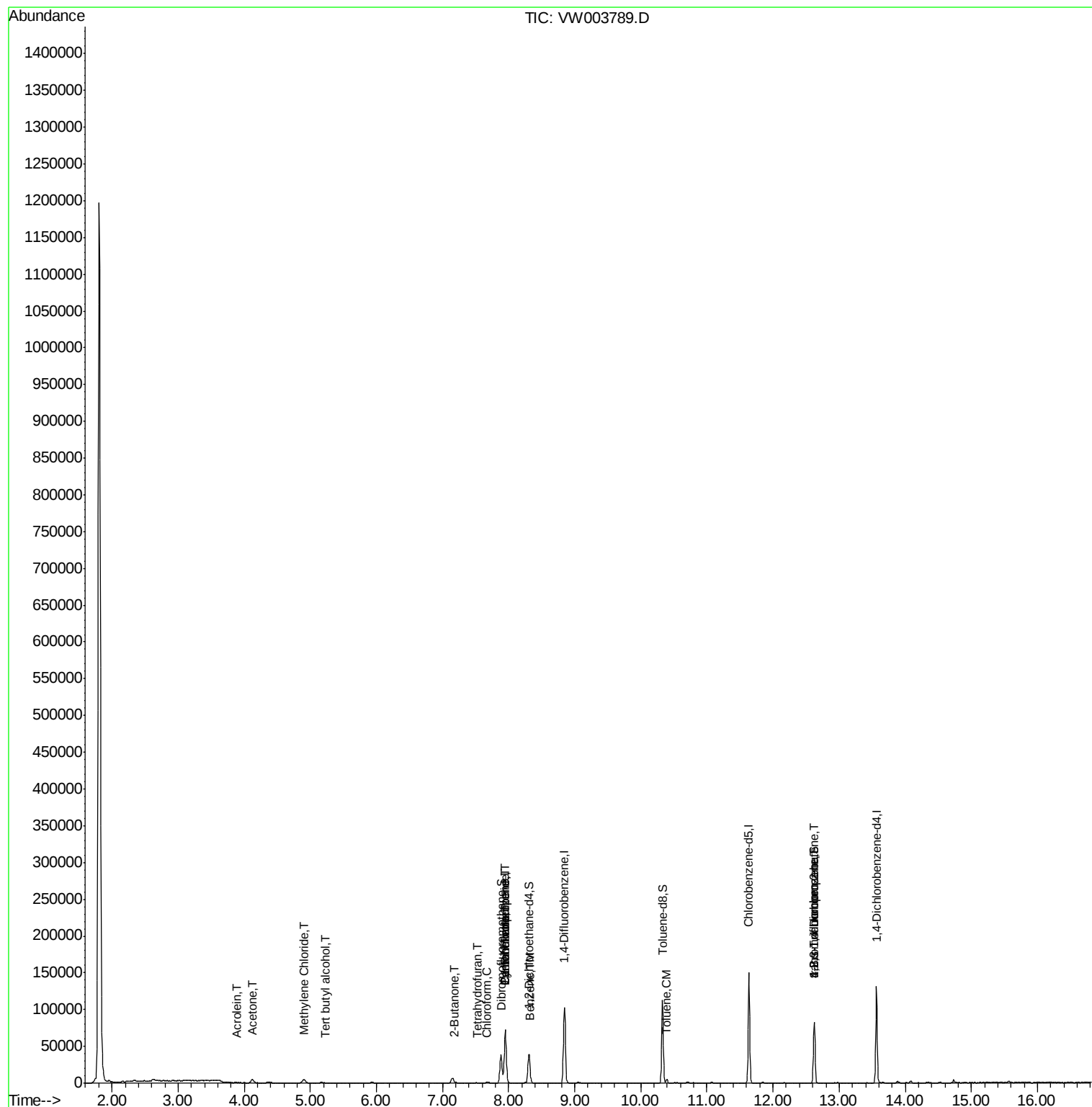
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	60	1.651	ug/l #	35
13) Acrolein	3.89	56	86	6.137	ug/l #	14
16) Acetone	4.12	43	7870	67.627	ug/l	90
20) Methylene Chloride	4.91	84	3015	1.021	ug/l #	89
25) 2-Butanone	7.19	43	1180	6.474	ug/l #	87
29) Tetrahydrofuran	7.53	42	192	1.639	ug/l #	36
30) Chloroform	7.68	83	1206	1.061	ug/l	94
31) Cyclohexane	7.95	56	1341	1.370	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	4496	5.236	ug/l #	51
38) Carbon Tetrachloride	7.95	117	5434	6.656	ug/l #	20
40) Benzene	8.33	78	2924	1.191	ug/l	100
52) Toluene	10.39	92	2008	1.319	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	12945	38.691	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	12945	94.648	ug/l #	8

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

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 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: VW003789.D

Acq: 09 Jul 2018 20:20

Instrument :

MSVOA_W

ClientSampled :

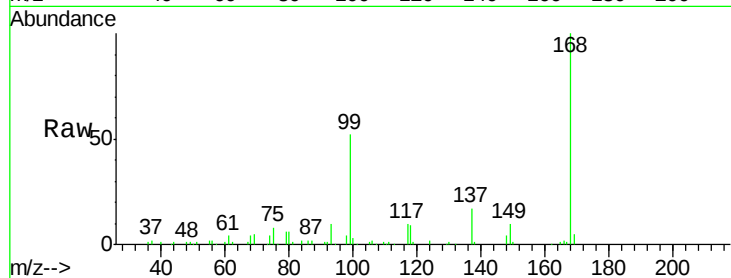
TP-9-S

Tot Ion:168 Resp: 51292

Ion Ratio Lower Upper

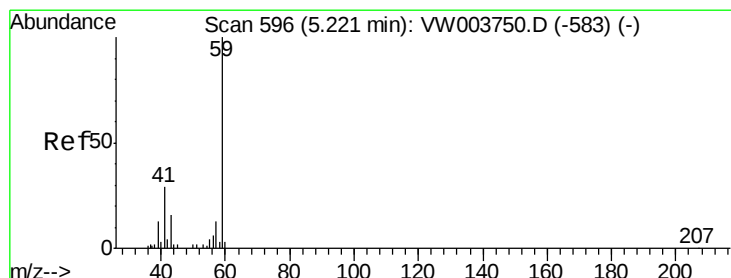
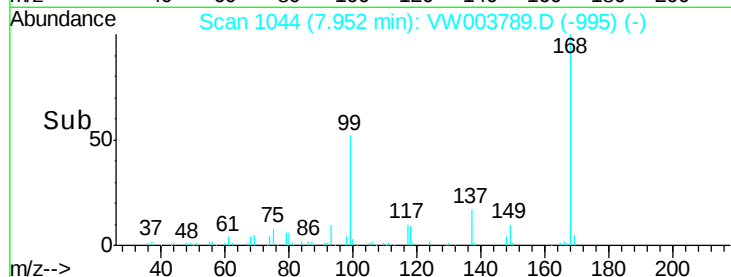
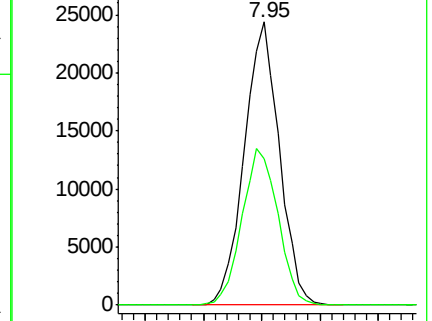
168 100

99 51.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.651 ug/l

RT: 5.22 min Scan# 596

Delta R.T. -0.00 min

Lab File: VW003789.D

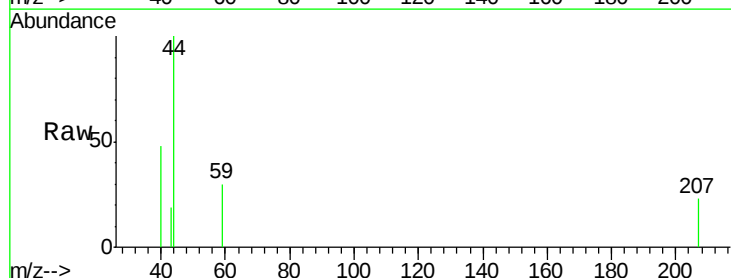
Acq: 09 Jul 2018 20:20

Tgt Ion: 59 Resp: 60

Ion Ratio Lower Upper

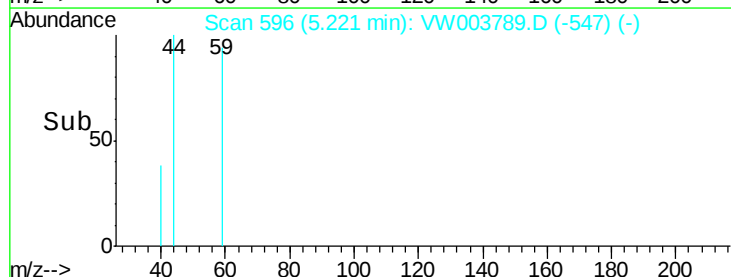
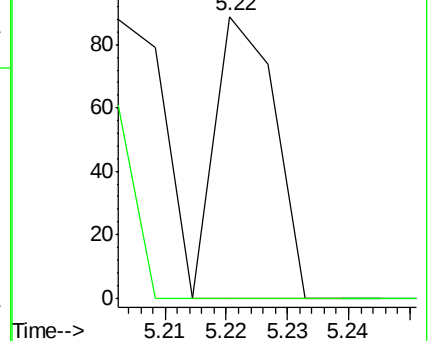
59 100

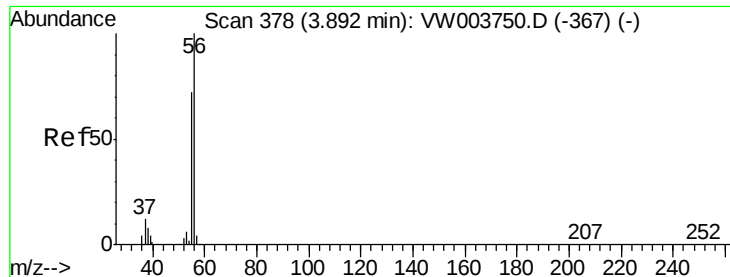
57 36.7 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 6.137 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW003789.D

Acq: 09 Jul 2018 20:20

Instrument :

MSVOA_W

ClientSampled :

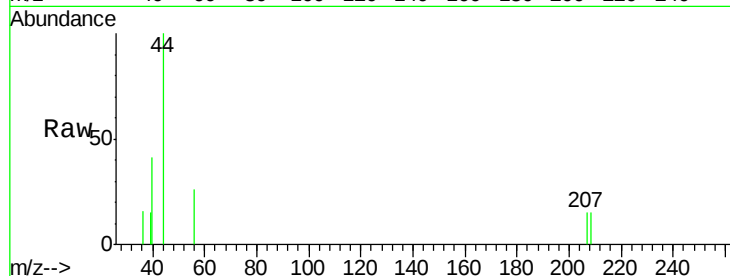
TP-9-S

Tot Ion: 56 Resp: 86

Ion Ratio Lower Upper

56 100

55 0.0 57.5 86.3#

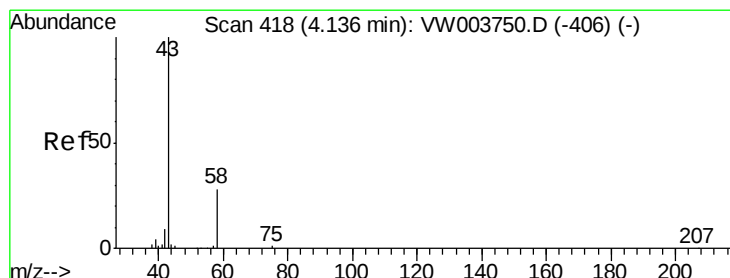
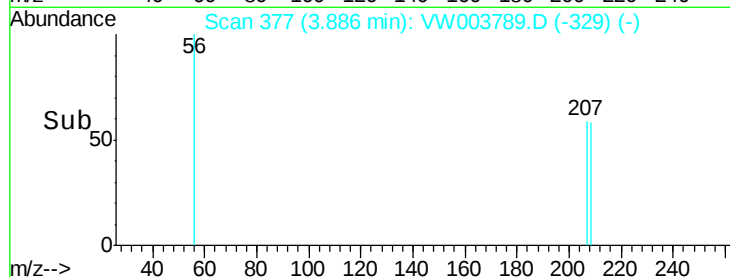


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

Time-->



#16

Acetone

Concen: 67.627 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003789.D

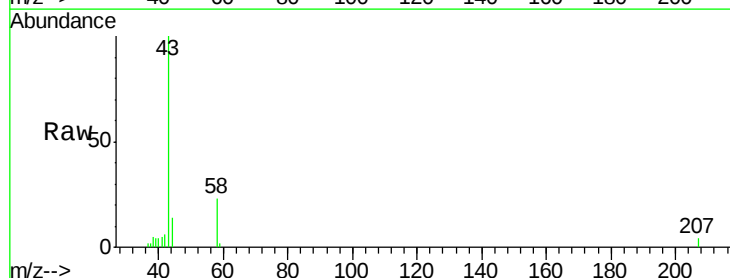
Acq: 09 Jul 2018 20:20

Tgt Ion: 43 Resp: 7870

Ion Ratio Lower Upper

43 100

58 23.0 22.6 34.0

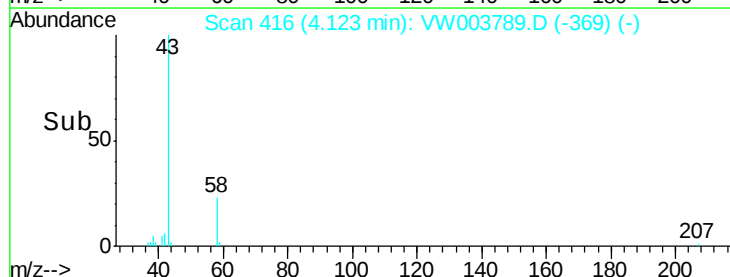


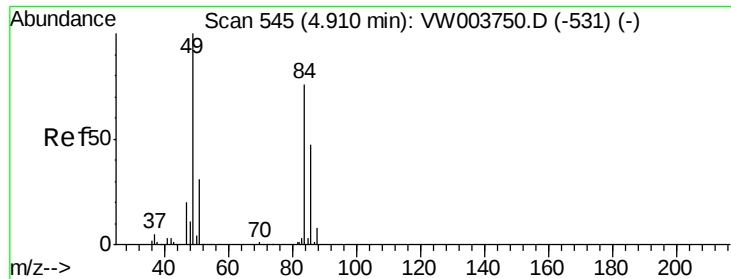
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

Time-->

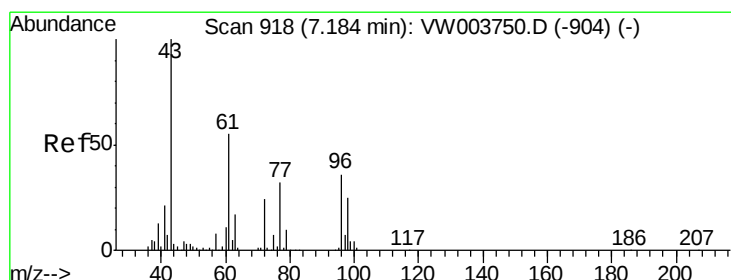
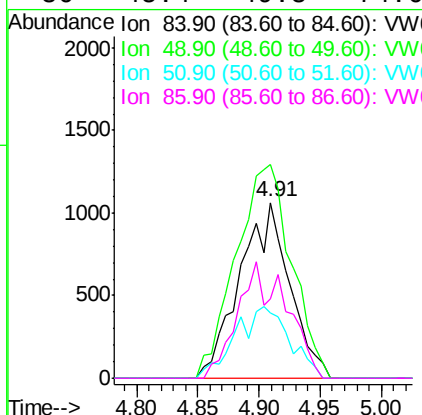
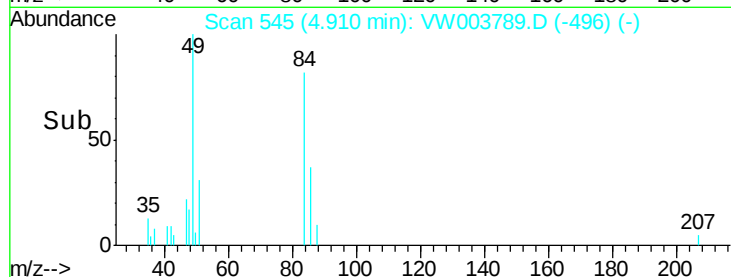
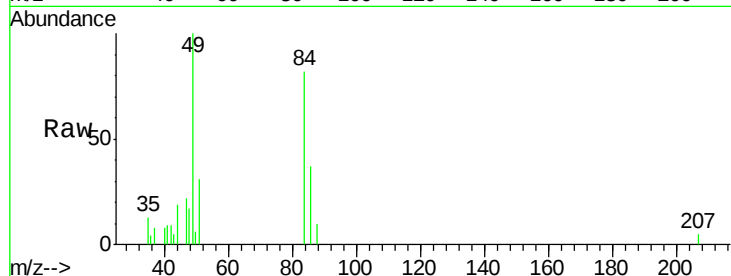




#20
Methvlene Chloride
Concen: 1.021 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

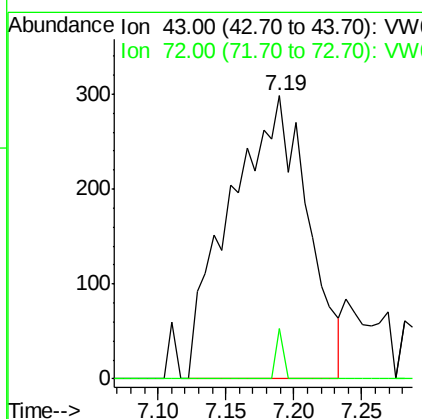
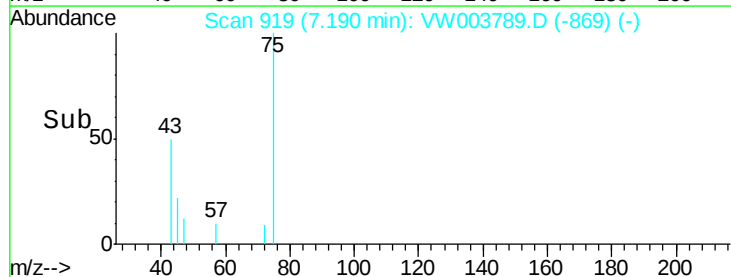
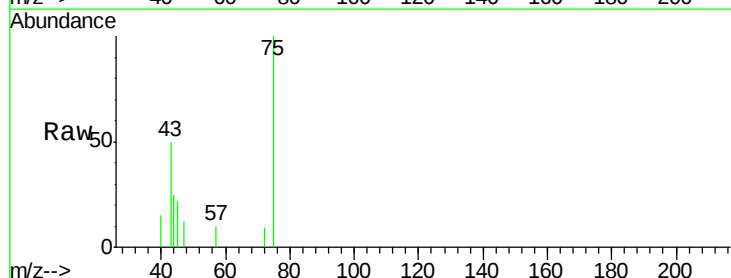
Instrument :
MSVOA_W
ClientSampleId :
TP-9-S

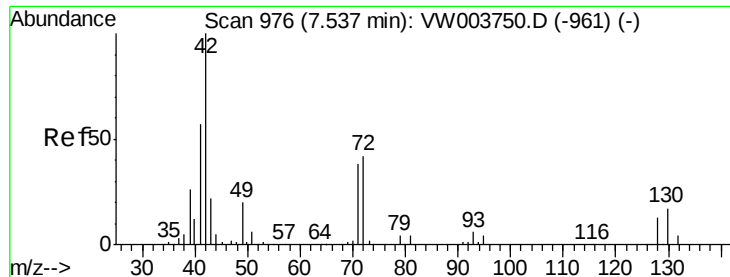
Tot Ion: 84 Resp: 3015
Ion Ratio Lower Upper
84 100
49 121.6 105.1 157.7
51 37.4 32.5 48.7
86 45.4 49.8 74.6#



#25
2-Butanone
Concen: 6.474 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
72 17.8 19.4 29.2#

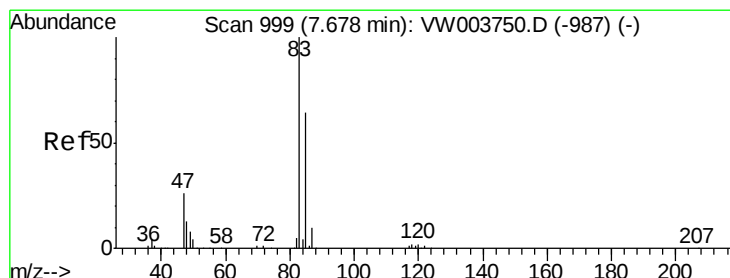
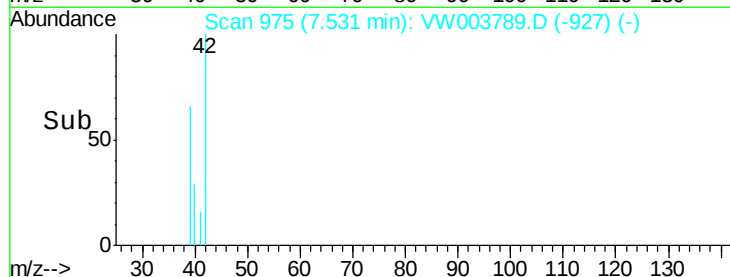
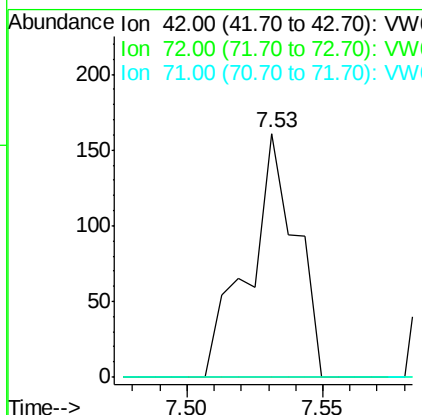
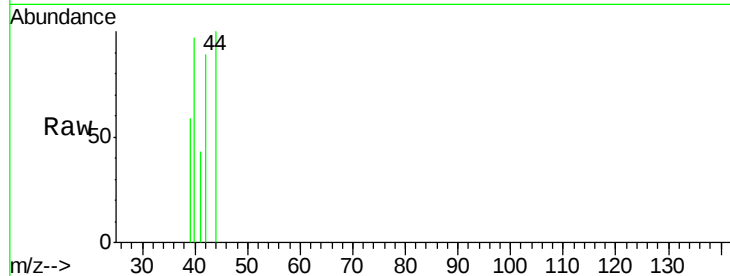




#29
Tetrahydrofuran
Concen: 1.639 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

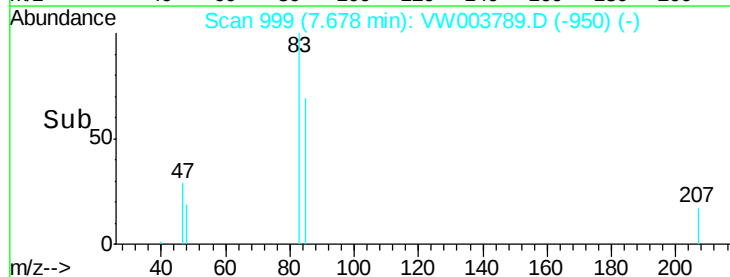
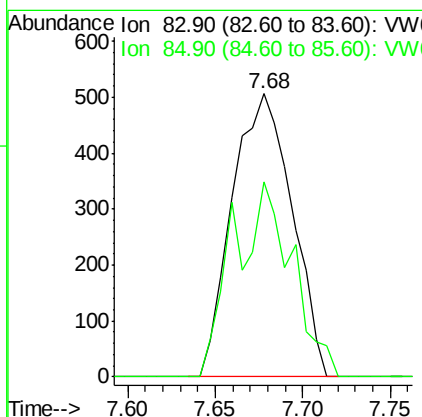
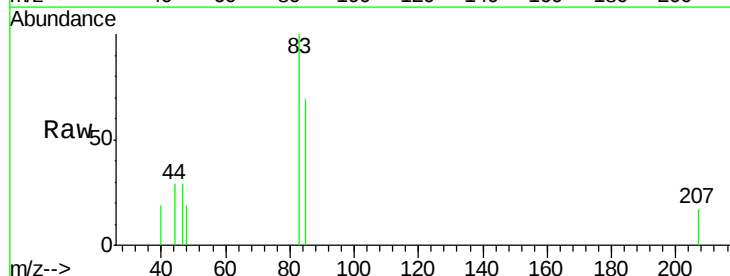
Instrument :
MSVOA_W
ClientSampled :
TP-9-S

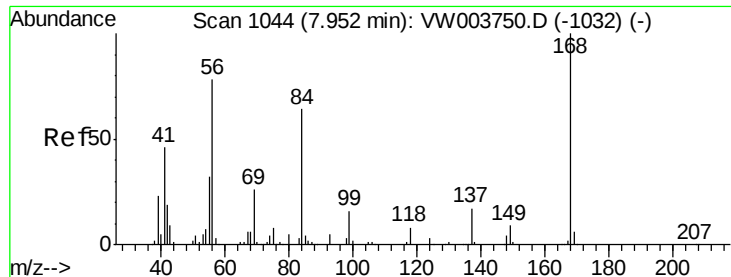
Tot Ion: 42 Resp: 192
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.8#
71 0.0 30.3 45.5#



#30
Chloroform
Concen: 1.061 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

Tgt Ion: 83 Resp: 1206
Ion Ratio Lower Upper
83 100
85 69.0 51.5 77.3

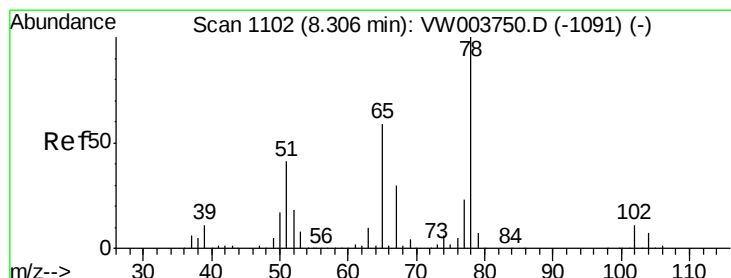
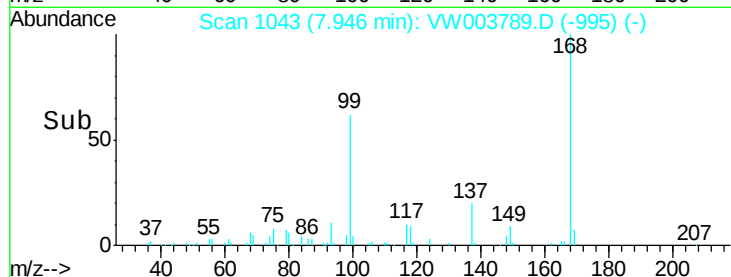
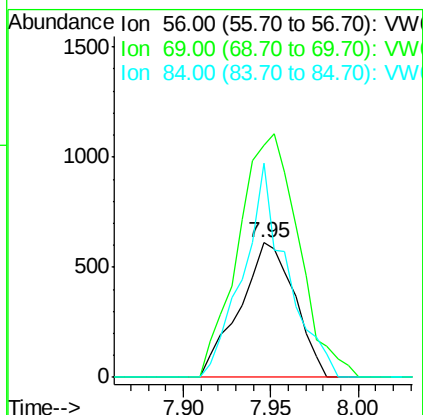
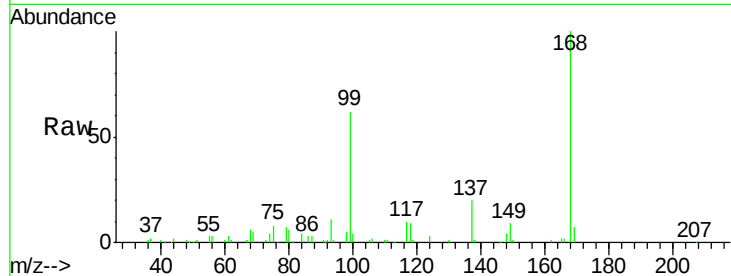




#31
Cyclohexane
Concen: 1.370 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

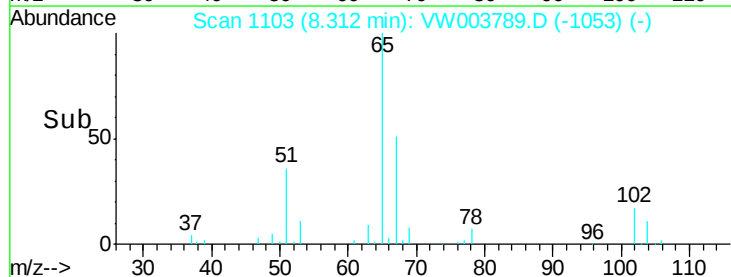
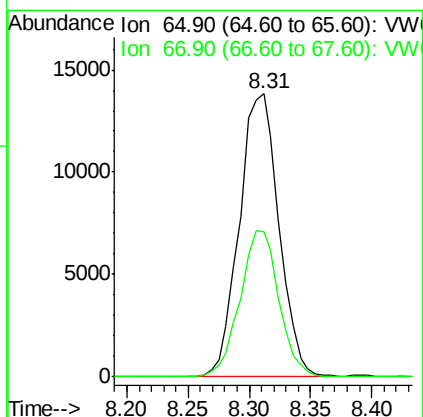
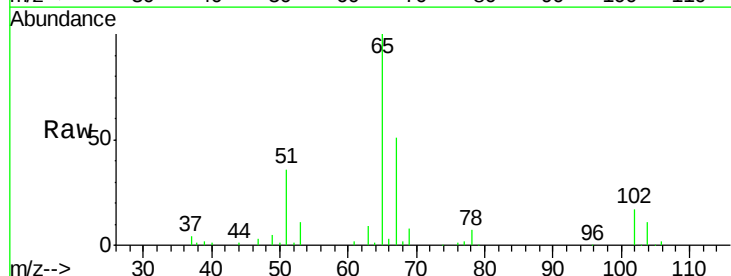
Instrument :
MSVOA_W
ClientSampled :
TP-9-S

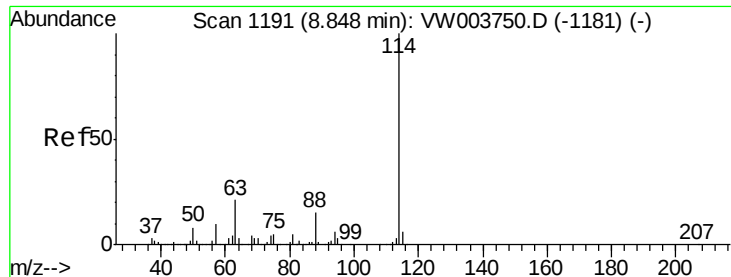
Tot Ion: 56 Resp: 1341
Ion Ratio Lower Upper
56 100
69 173.0 26.2 39.4#
84 159.2 65.5 98.3#



#33
1,2-Dichloroethane-d4
Concen: 46.413 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

Tgt Ion: 65 Resp: 31132
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.8

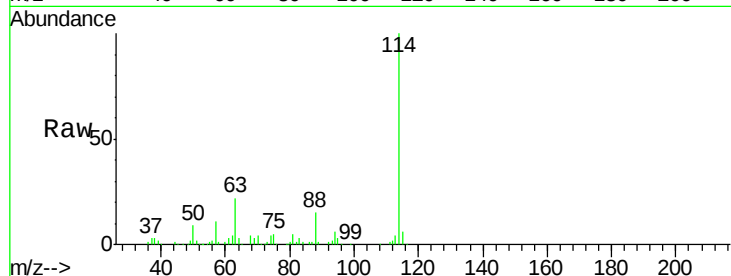




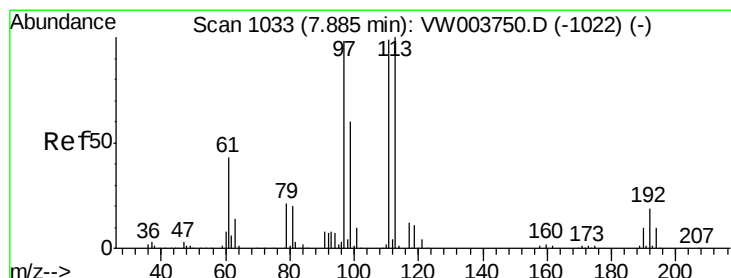
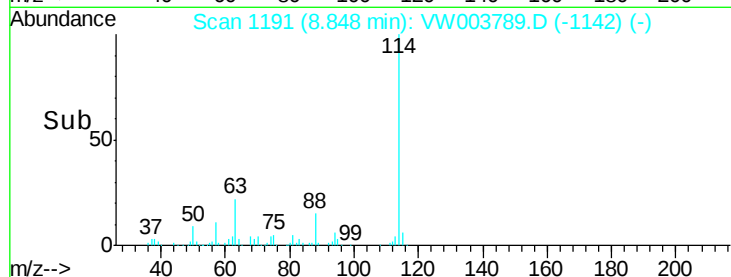
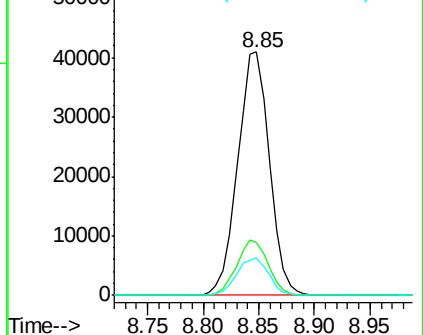
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003789.D
 Acq: 09 Jul 2018 20:20

Instrument :
 MSVOA_W
 ClientSampled :
 TP-9-S

Tot Ion:114 Resp: 80922
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.8
 88 15.4 0.0 30.2

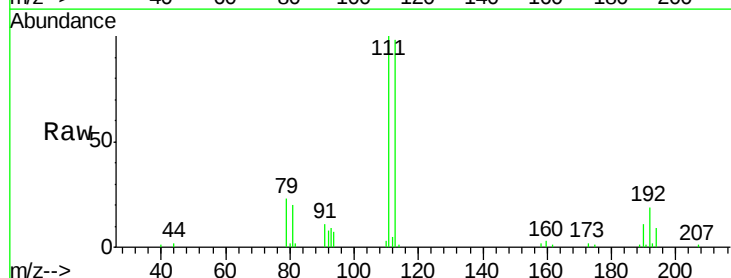


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

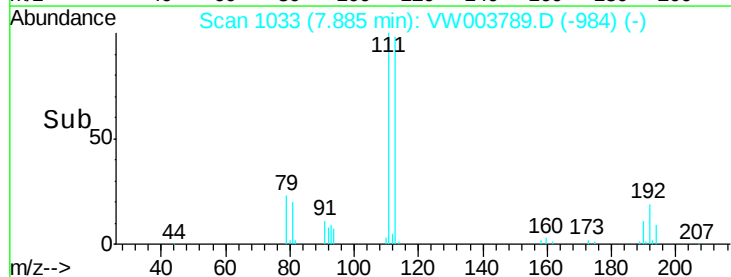
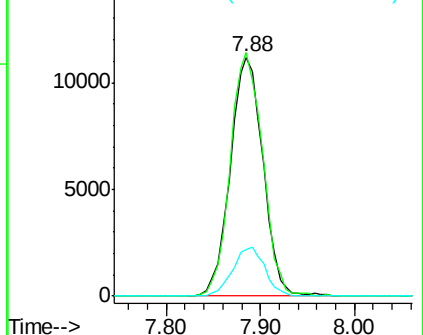


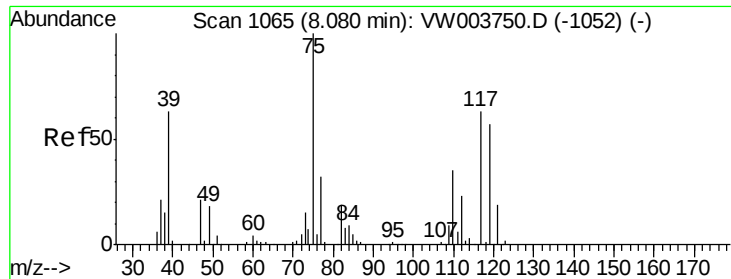
#35
 Dibromofluoromethane
 Concen: 47.540 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003789.D
 Acq: 09 Jul 2018 20:20

Tgt Ion:113 Resp: 26925
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.7 122.5
 192 20.2 15.8 23.8



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: 5.236 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003789.D

Acq: 09 Jul 2018 20:20

Instrument :

MSVOA_W

ClientSampled :

TP-9-S

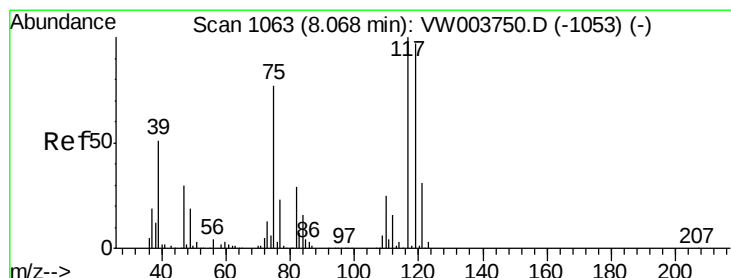
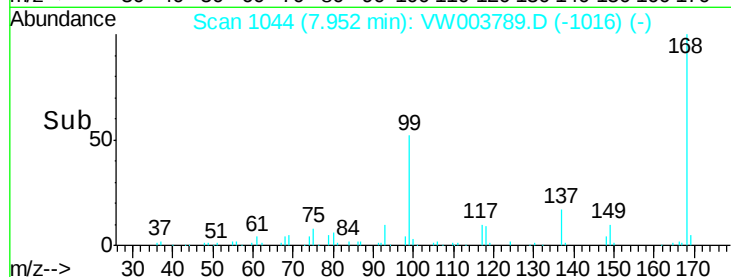
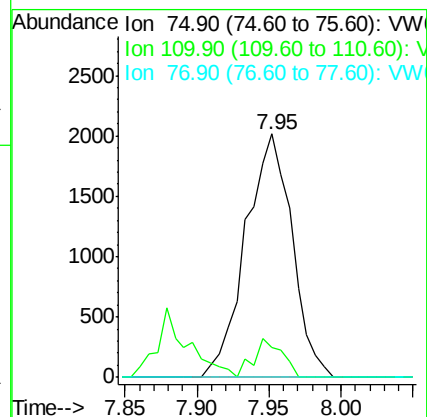
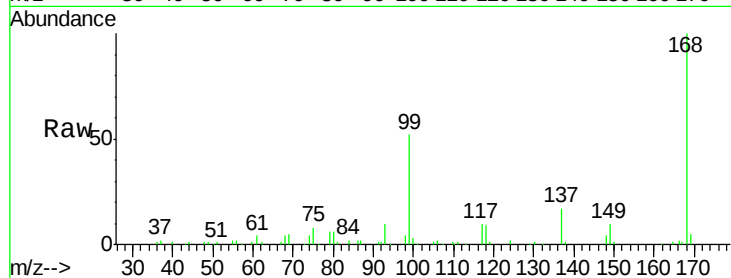
Tot Ion: 75 Resp: 4496

Ion Ratio Lower Upper

75 100

110 9.5 16.9 50.6#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.656 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003789.D

Acq: 09 Jul 2018 20:20

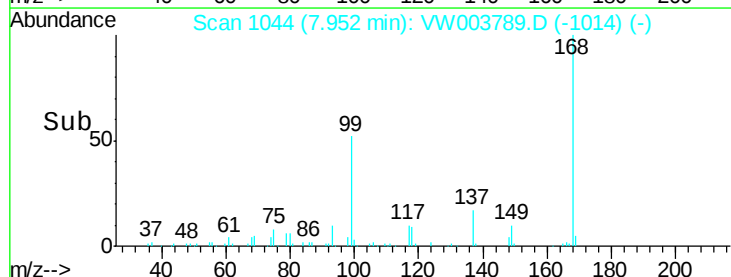
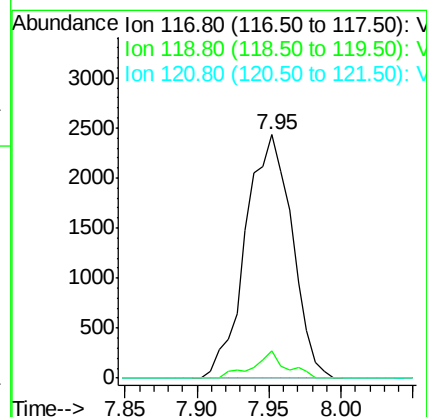
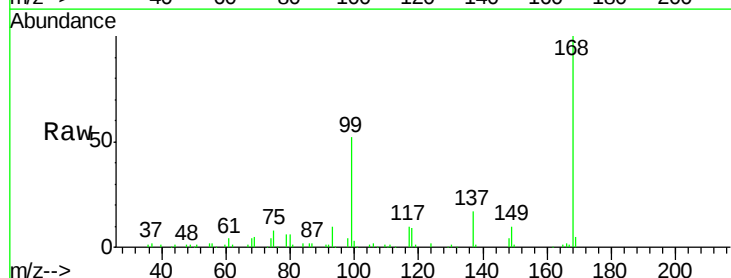
Tgt Ion: 117 Resp: 5434

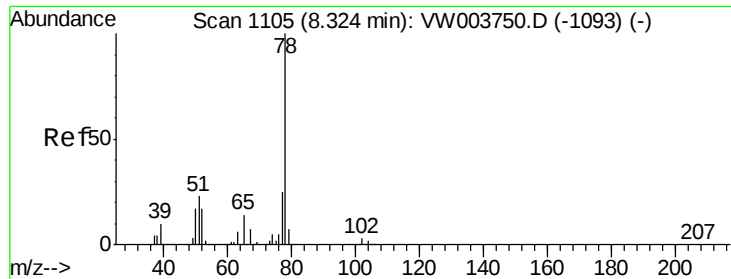
Ion Ratio Lower Upper

117 100

119 11.2 77.4 116.2#

121 0.0 24.6 37.0#

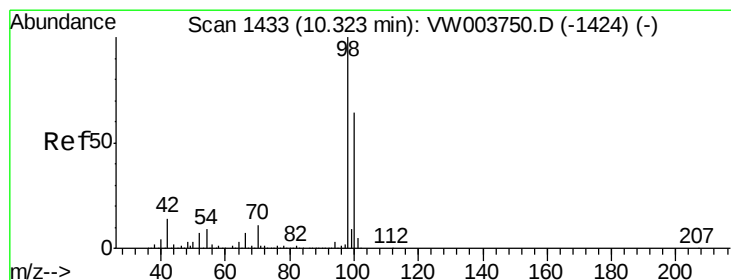
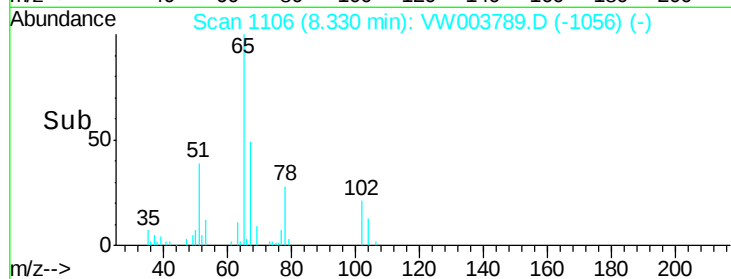
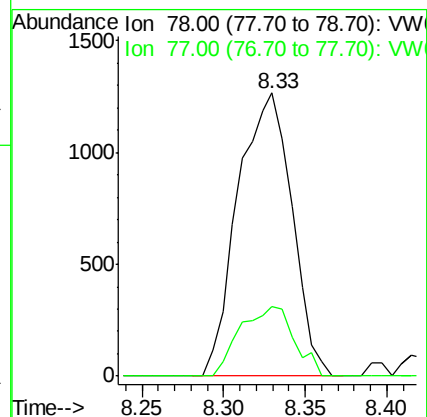
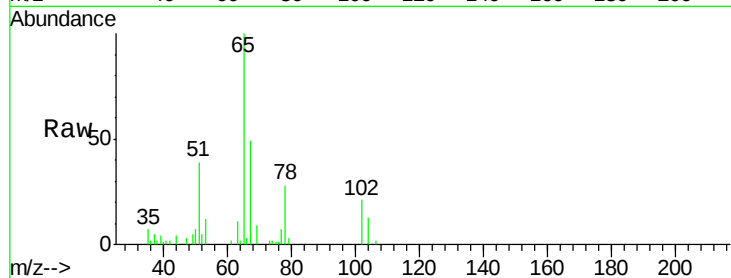




#40
Benzene
Concen: 1.191 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

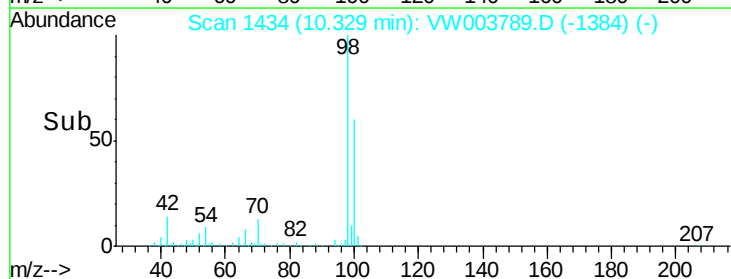
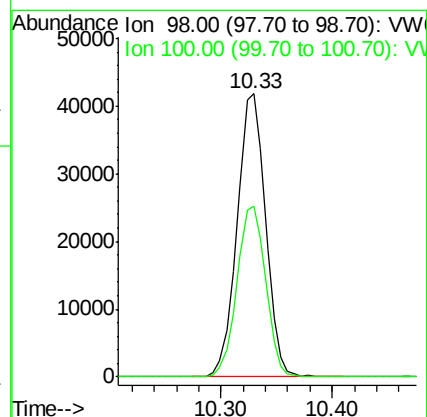
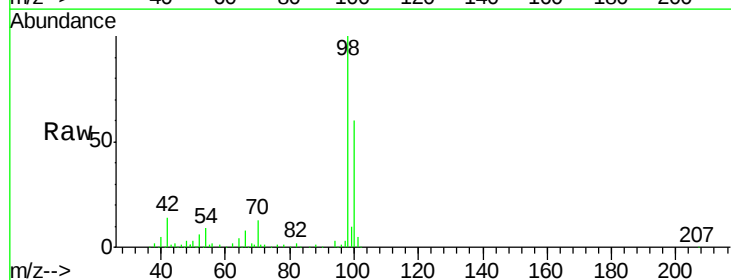
Instrument :
MSVOA_W
ClientSampled :
TP-9-S

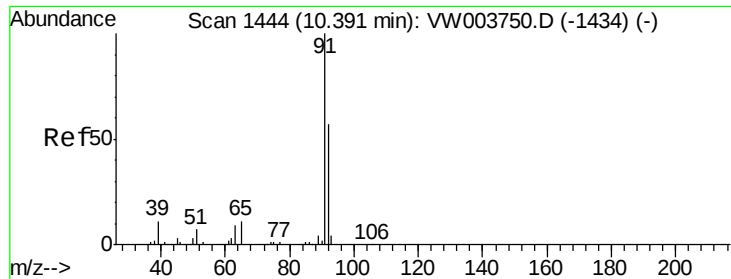
Tot Ion: 78 Resp: 2924
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5



#50
Toluene-d8
Concen: 34.159 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

Tgt Ion: 98 Resp: 74005
Ion Ratio Lower Upper
98 100
100 60.7 50.8 76.2





#52

Toluene

Concen: 1.319 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003789.D

Acq: 09 Jul 2018 20:20

Instrument :

MSVOA_W

ClientSampleId :

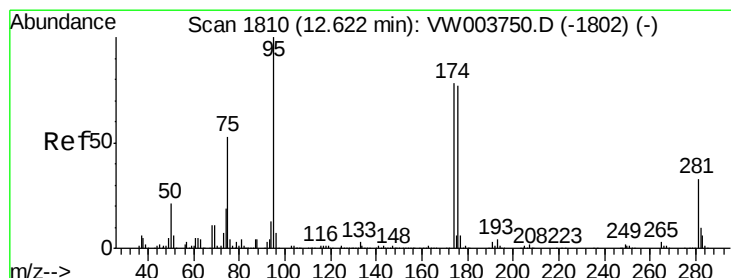
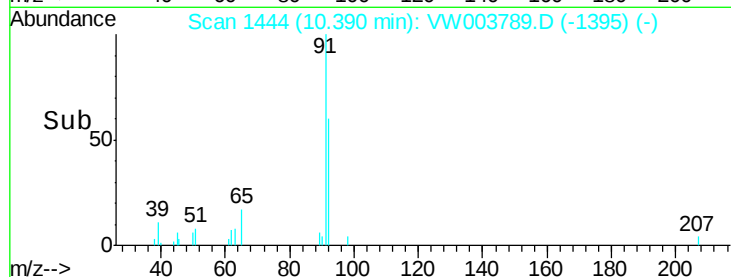
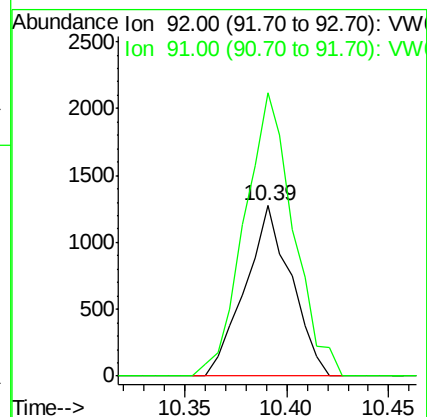
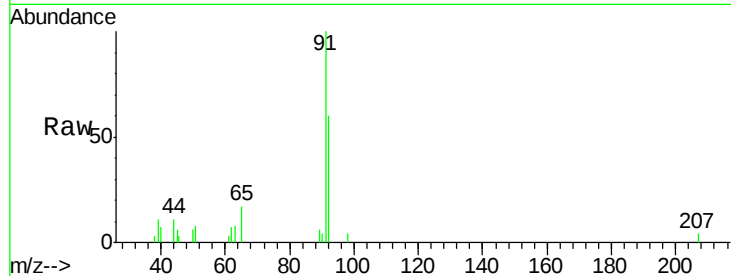
TP-9-S

Tot Ion: 92 Resp: 2008

Ion Ratio Lower Upper

92 100

91 176.1 140.6 211.0



#62

4-Bromofluorobenzene

Concen: 30.388 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003789.D

Acq: 09 Jul 2018 20:20

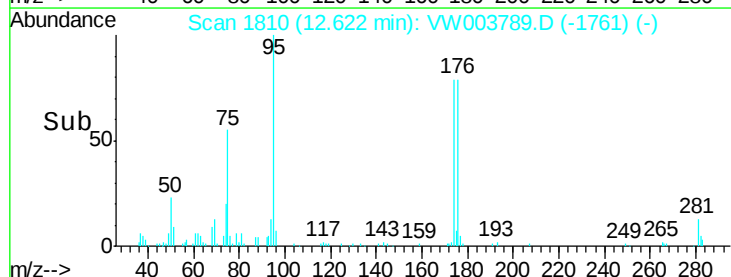
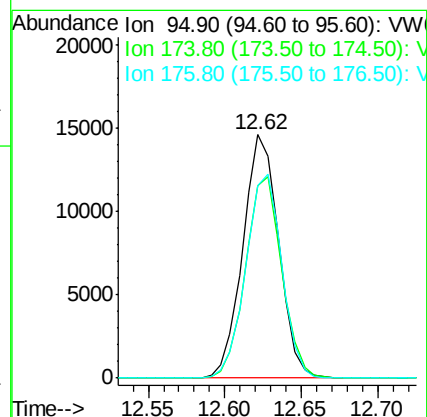
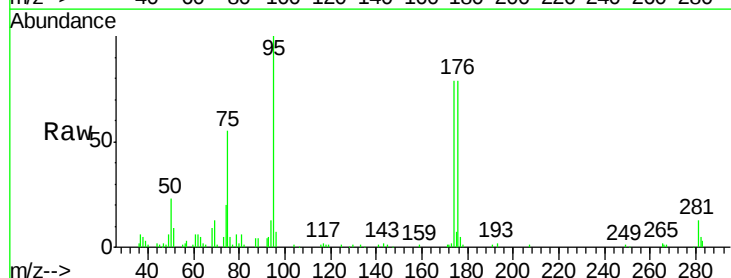
Tgt Ion: 95 Resp: 23820

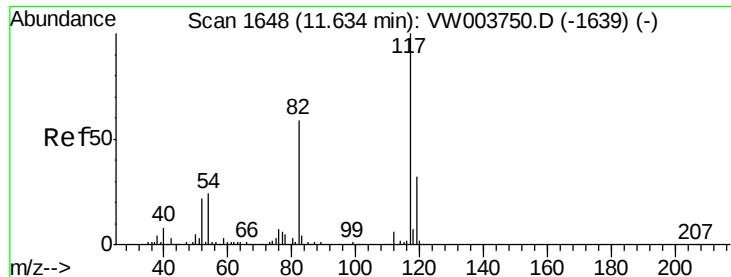
Ion Ratio Lower Upper

95 100

174 83.7 0.0 163.4

176 84.0 0.0 156.8

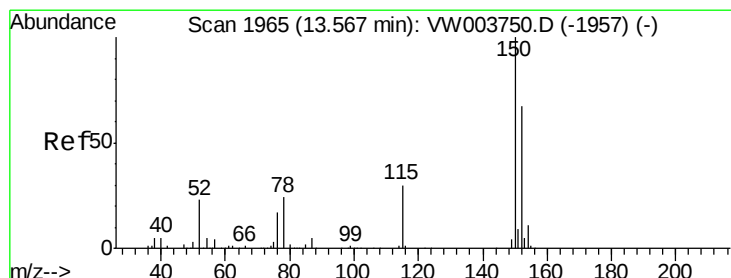
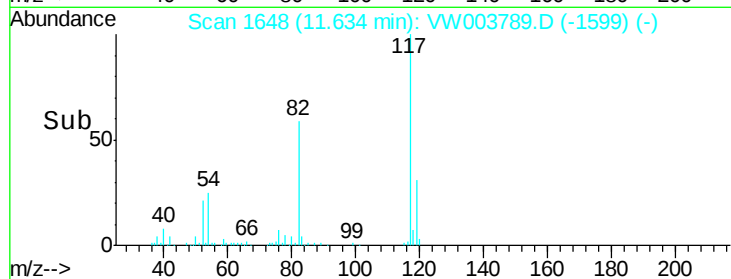
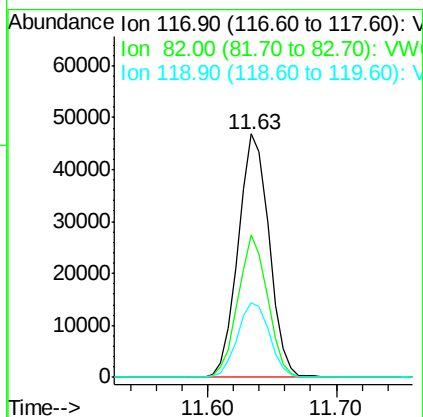
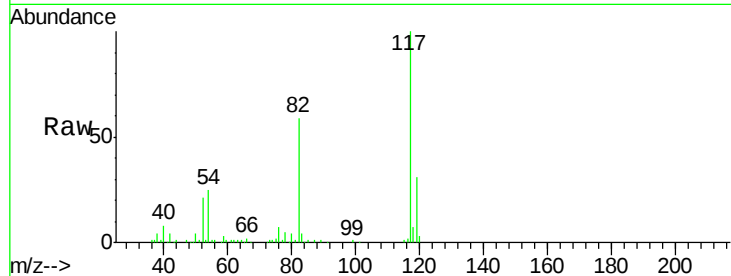




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

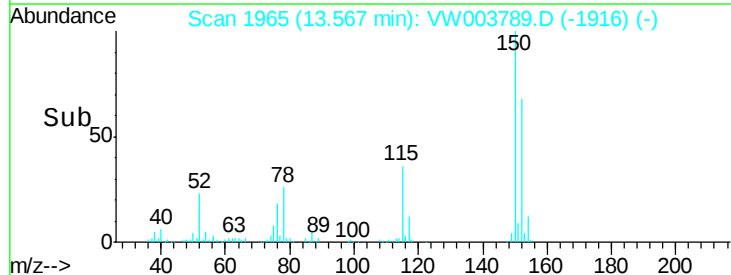
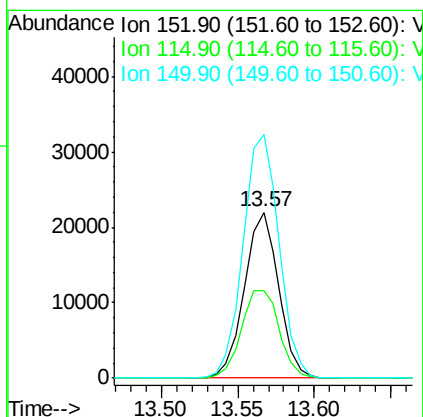
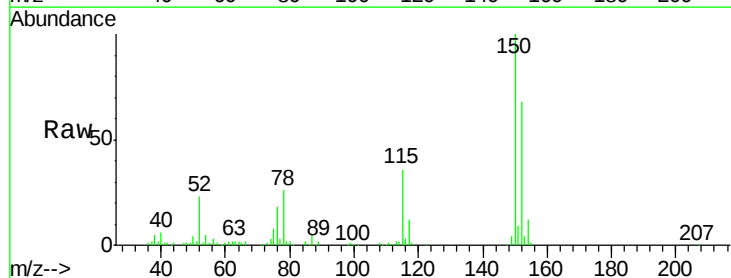
Instrument :
MSVOA_W
ClientSampleId :
TP-9-S

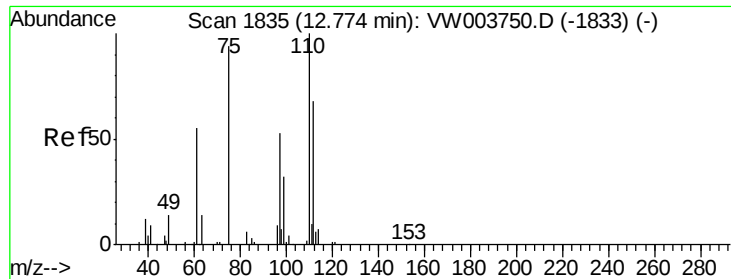
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.9	70.3
119	30.9	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003789.D
Acq: 09 Jul 2018 20:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.9	86.8
150	154.3	0.0	342.4

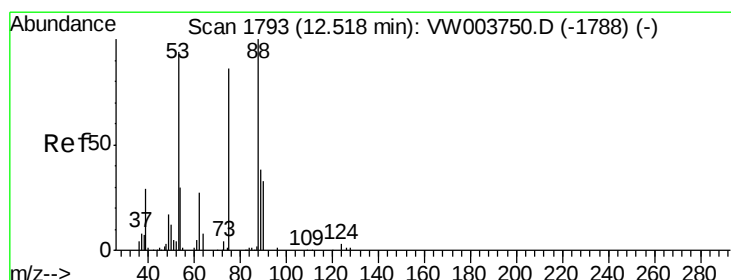
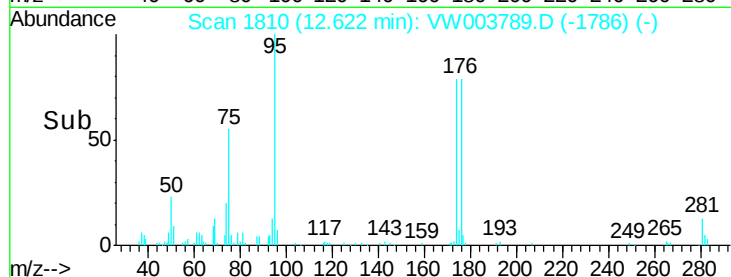
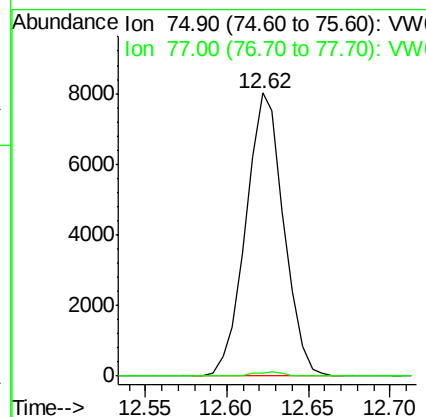
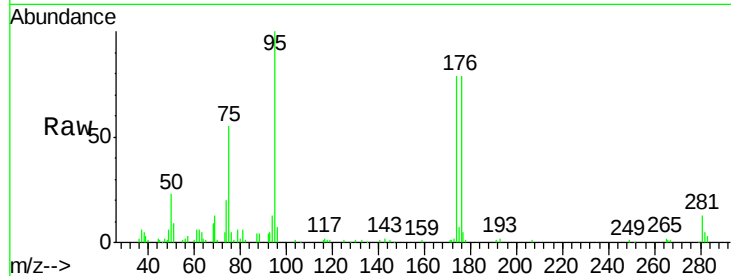




#76
 1,2,3-Trichloropropane
 Concen: 38.691 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003789.D
 Acq: 09 Jul 2018 20:20

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-9-S

Tot Ion: 75 Resp: 12945
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.648 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003789.D
 Acq: 09 Jul 2018 20:20

Tgt Ion: 75 Resp: 12945
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.0 127.6#
 89 0.0 36.3 54.5#

