

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006254.D
 Acq On : 22 Oct 2018 16:27
 Operator : VA/AP
 Sample : J5610-07
 Misc : 5.38G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(0-2)

Quant Time: Oct 23 04:06:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

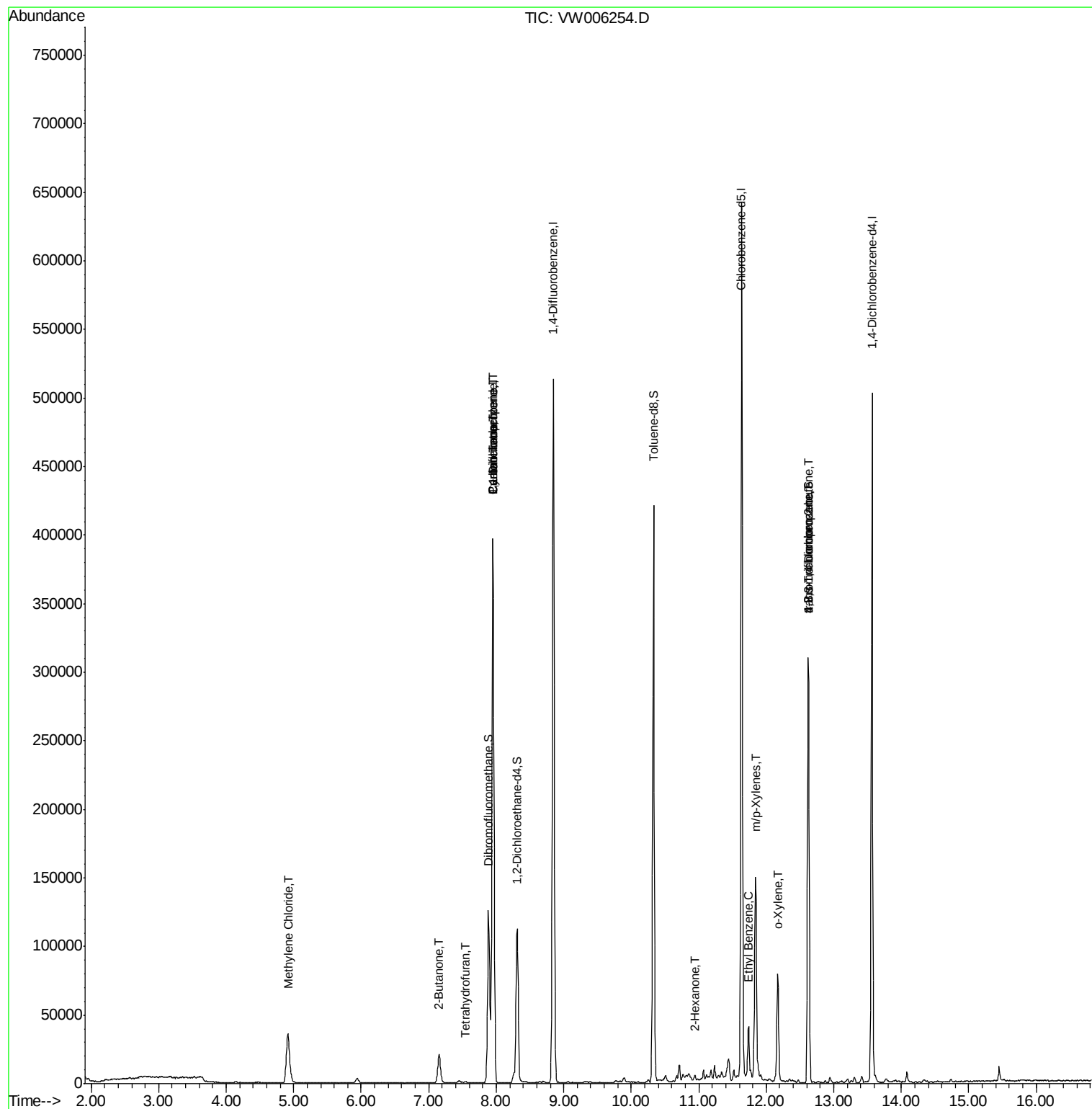
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	316849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	462167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	89886	34.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.44%	
35) Dibromofluoromethane	7.89	113	89428	32.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.50%	
50) Toluene-d8	10.33	98	282448	27.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.38%	
62) 4-Bromofluorobenzene	12.62	95	92498	23.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.40%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	1714	Below Cal		97
20) Methylene Chloride	4.92	84	32061	10.241	ug/l	96
25) 2-Butanone	7.16	43	1177	1.659	ug/l #	79
29) Tetrahydrofuran	7.54	42	526	1.206	ug/l #	75
31) Cyclohexane	7.95	56	5519	1.148	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	20914	4.910	ug/l #	49
38) Carbon Tetrachloride	7.95	117	28334	6.067	ug/l #	16
59) 2-Hexanone	10.94	43	1274	1.101	ug/l #	25
67) Ethyl Benzene	11.74	91	26726	1.937	ug/l	99
68) m/p-Xylenes	11.84	106	44337	8.129	ug/l	98
69) o-Xylene	12.17	106	20298	3.905	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	46863	44.695	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	46863	106.840	ug/l #	10

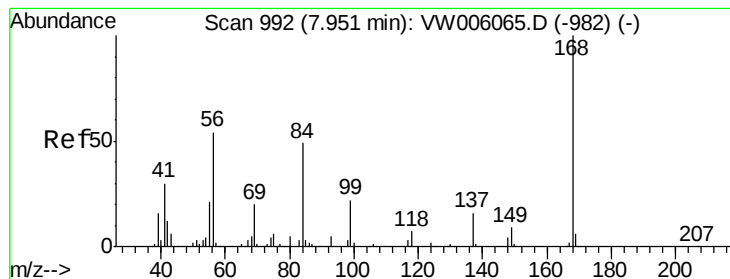
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-4(0-2)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006254.D

Acq: 22 Oct 2018 16:27

Instrument :

MSVOA_W

ClientSampleId :

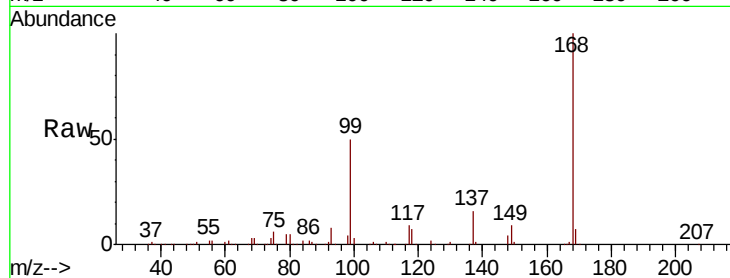
SB-4(0-2)

Tot Ion:168 Resp: 316849

Ion Ratio Lower Upper

168 100

99 49.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

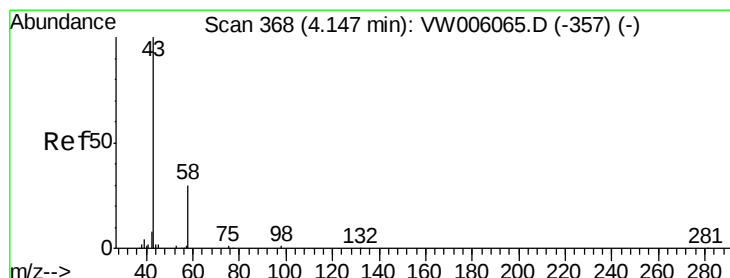
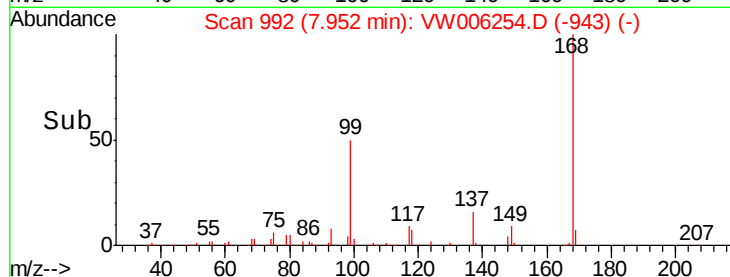
150000

100000

50000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006254.D

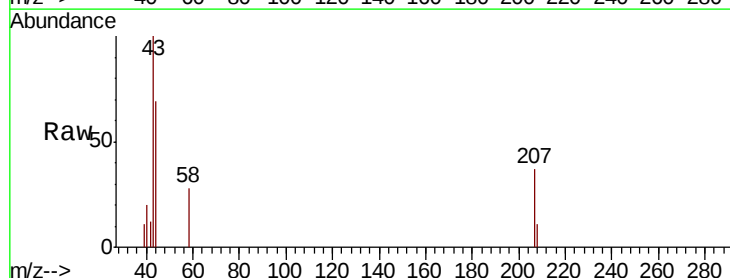
Acq: 22 Oct 2018 16:27

Tgt Ion: 43 Resp: 1714

Ion Ratio Lower Upper

43 100

58 28.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

600

500

400

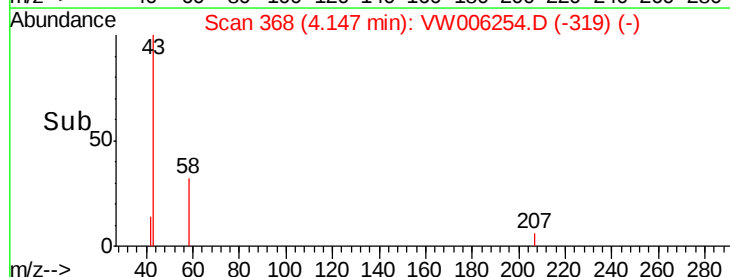
300

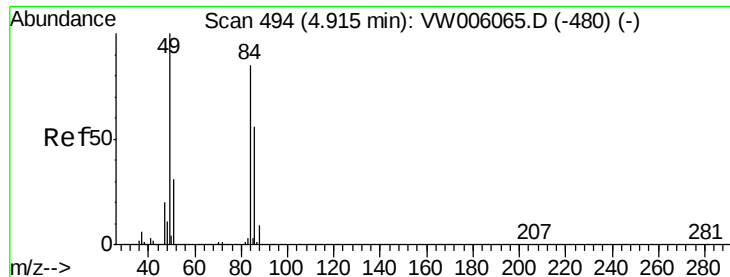
200

100

0

Time-->

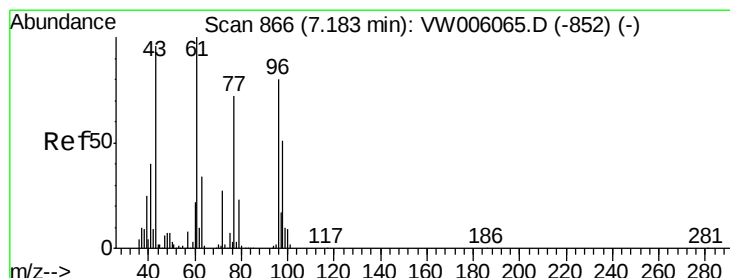
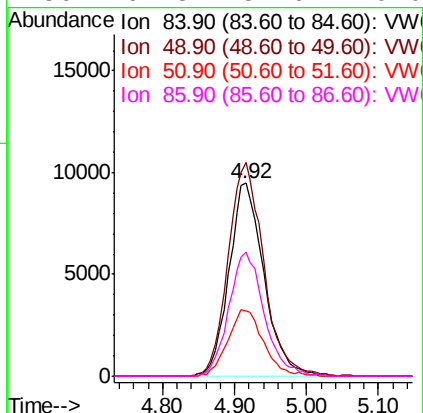
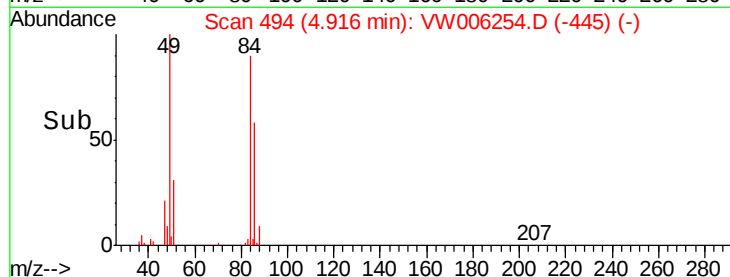
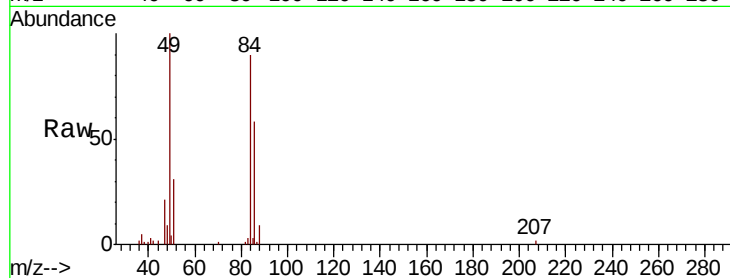




#20
Methylene Chloride
Concen: 10.241 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

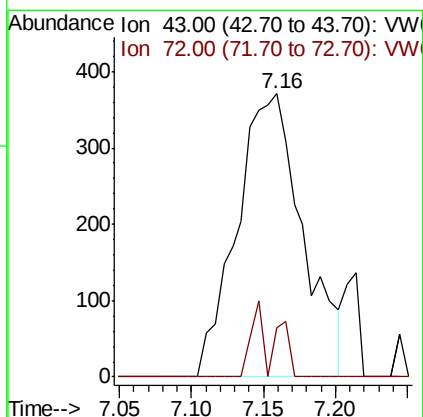
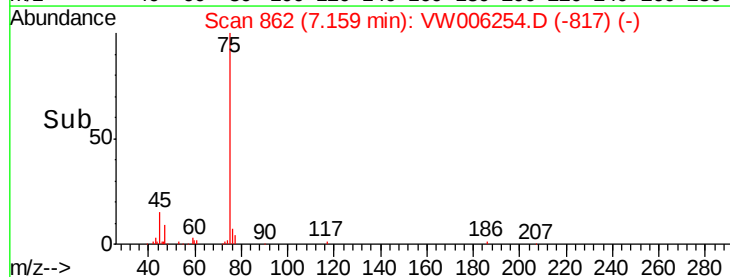
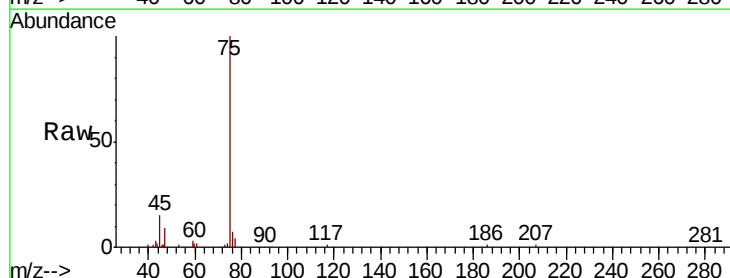
Instrument :
MSVOA_W
ClientSampleId :
SB-4(0-2)

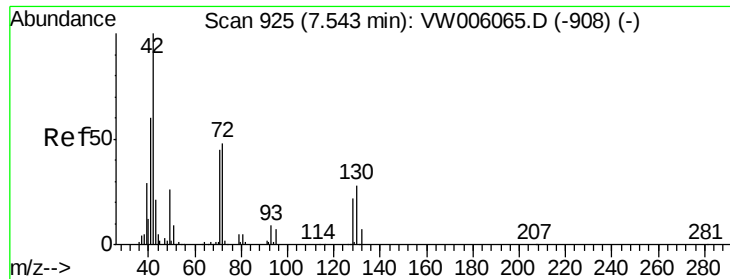
Tot Ion: 84 Resp: 32061
Ion Ratio Lower Upper
84 100
49 110.7 93.6 140.4
51 33.9 29.0 43.4
86 64.3 52.6 79.0



#25
2-Butanone
Concen: 1.659 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
72 17.3 22.8 34.2#

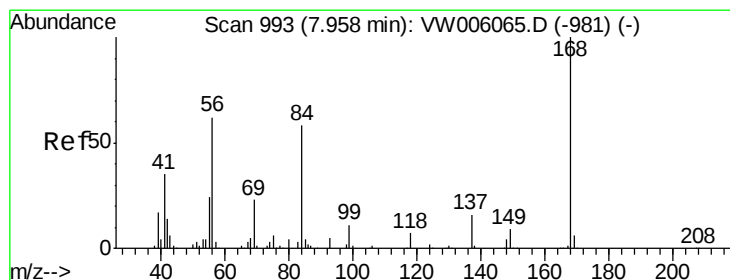
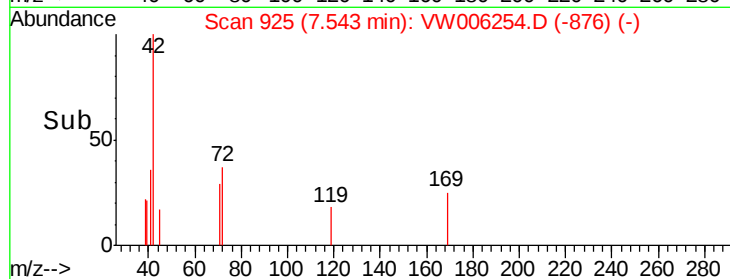
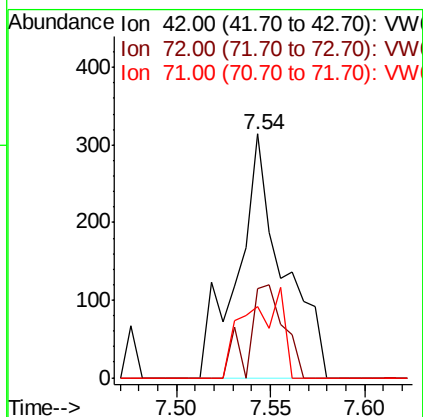
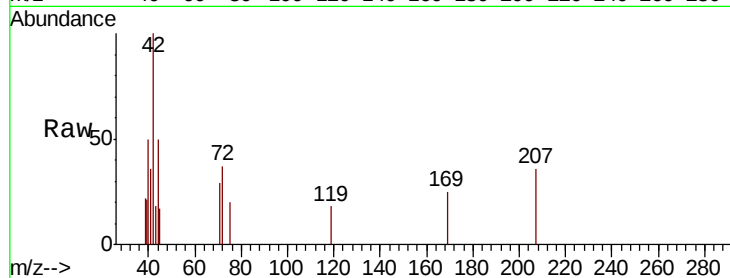




#29
Tetrahydrofuran
Concen: 1.206 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

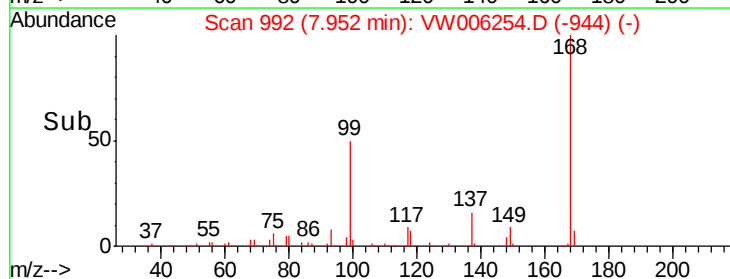
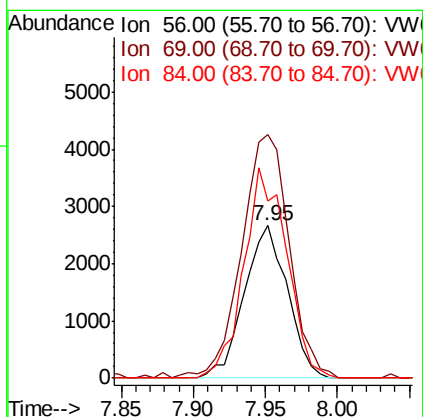
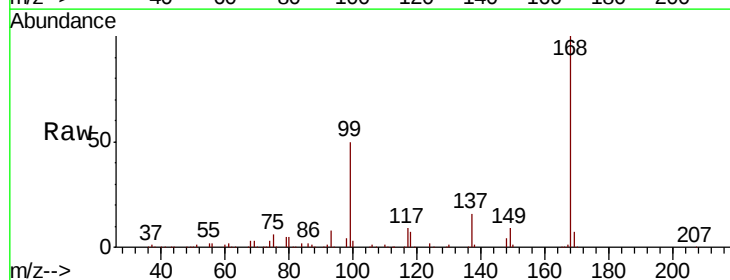
Instrument :
MSVOA_W
ClientSampleId :
SB-4(0-2)

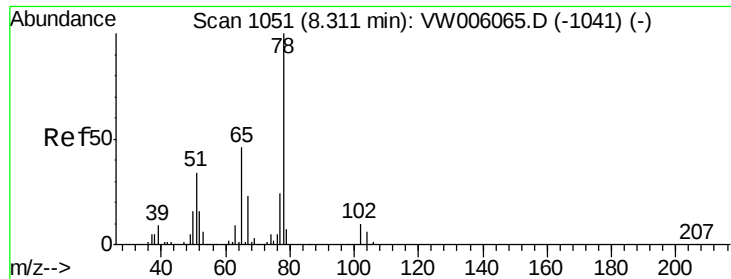
Tot Ion	Ratio	Lower	Upper
42	100		
72	29.5	38.0	57.0#
71	29.5	35.3	52.9#



#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

Tgt Ion	Ratio	Lower	Upper
56	100		
69	160.0	29.4	44.0#
84	116.1	74.0	111.0#

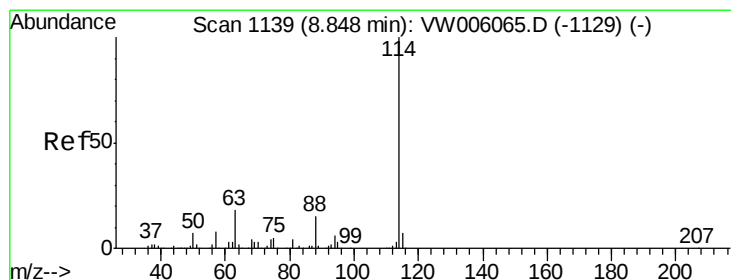
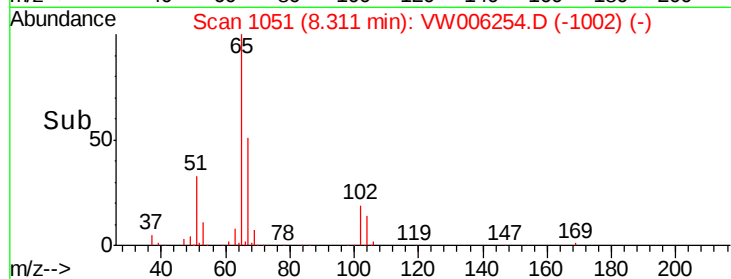
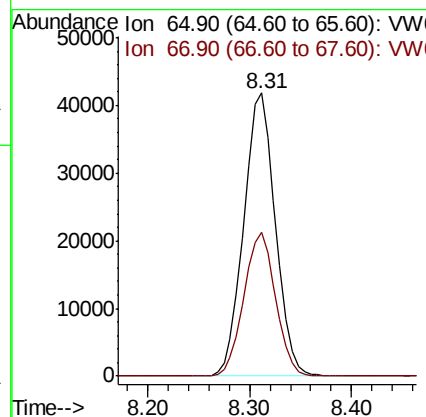
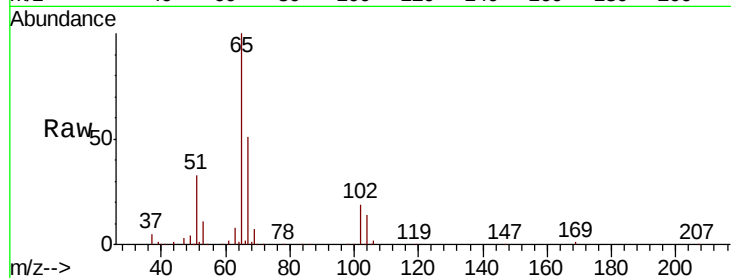




#33
 1,2-Dichloroethane-d4
 Concen: 34.218 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006254.D
 Acq: 22 Oct 2018 16:27

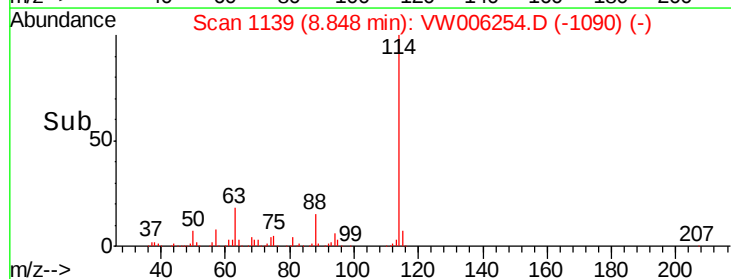
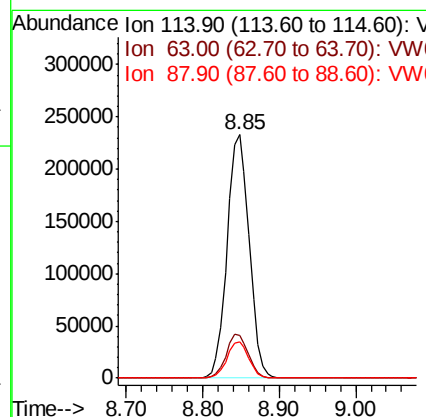
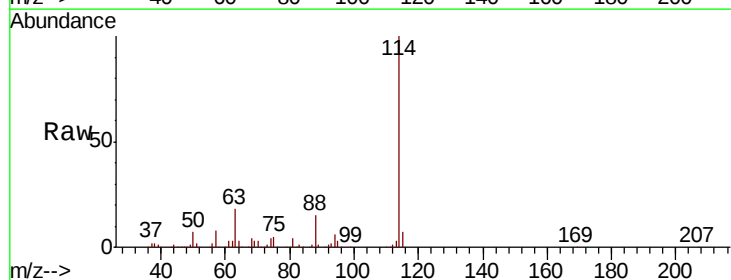
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(0-2)

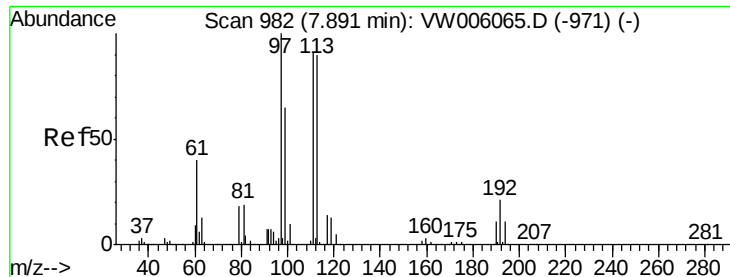
Tot Ion: 65 Resp: 89886
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006254.D
 Acq: 22 Oct 2018 16:27

Tgt Ion: 114 Resp: 462167
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.8
 88 14.9 0.0 29.0

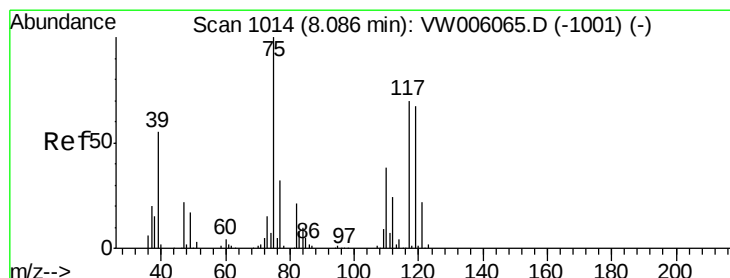
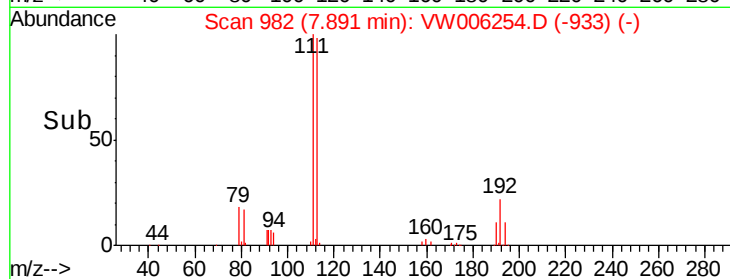
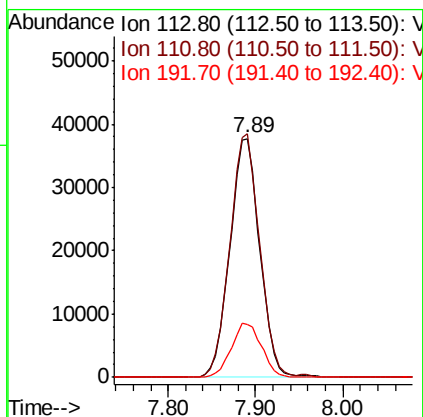
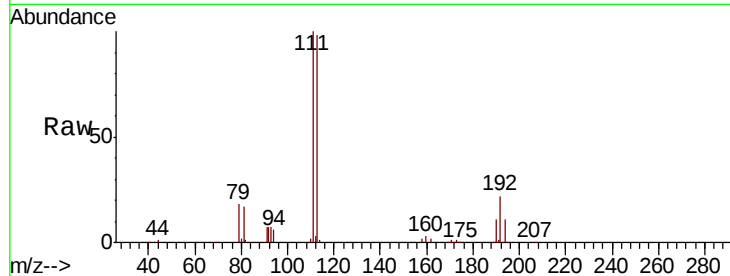




#35
 Dibromofluoromethane
 Concen: 32.746 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006254.D
 Acq: 22 Oct 2018 16:27

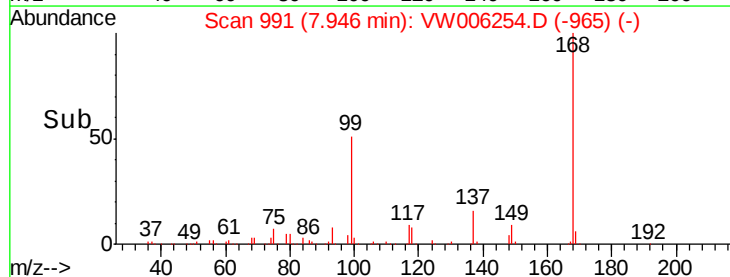
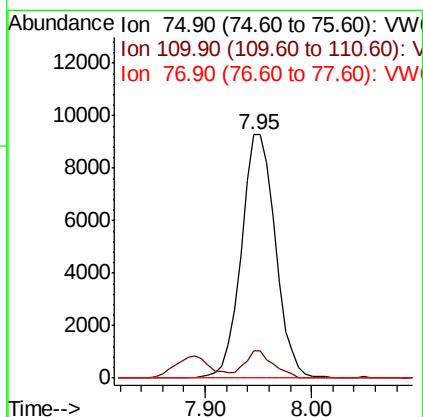
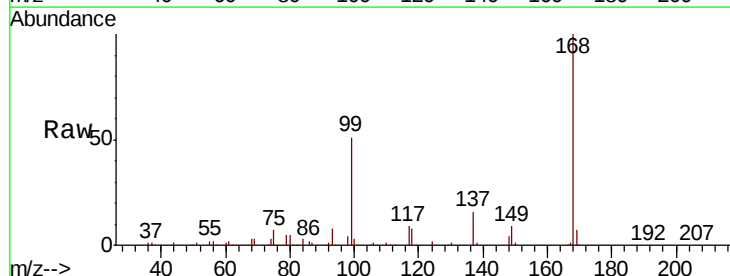
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(0-2)

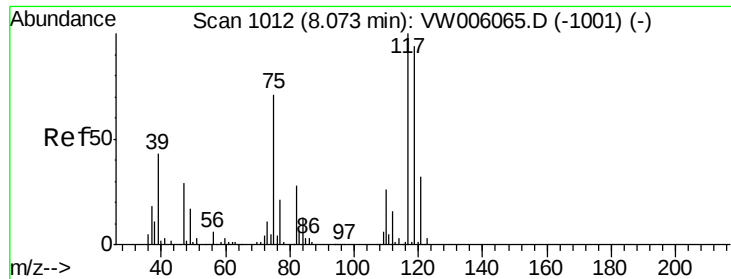
Tot Ion:113 Resp: 89428
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 23.0 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.910 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006254.D
 Acq: 22 Oct 2018 16:27

Tgt Ion: 75 Resp: 20914
 Ion Ratio Lower Upper
 75 100
 110 9.5 19.1 57.1#
 77 0.0 25.0 37.4#

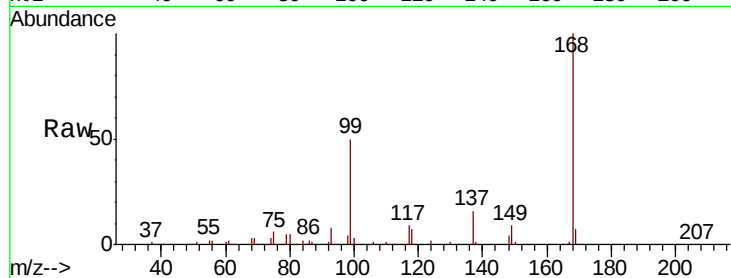




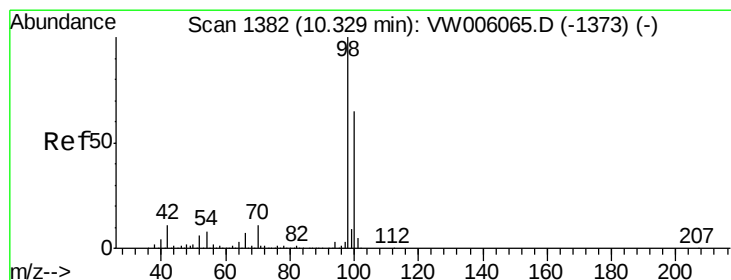
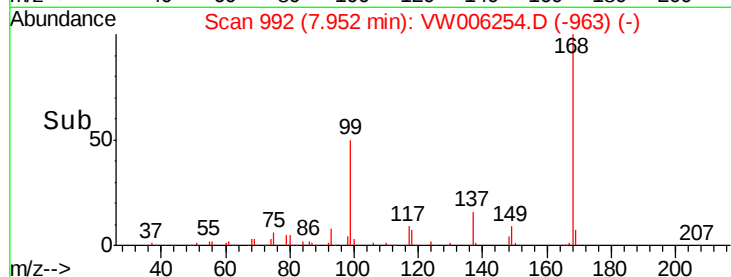
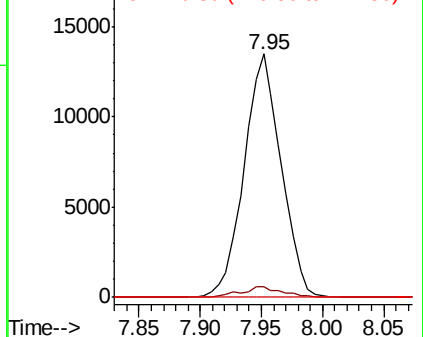
#38
Carbon Tetrachloride
Concen: 6.067 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

Instrument :
MSVOA_W
ClientSampled :
SB-4(0-2)

Tot Ion:117 Resp: 28334
Ion Ratio Lower Upper
117 100
119 4.2 75.2 112.8#
121 0.0 25.3 37.9#

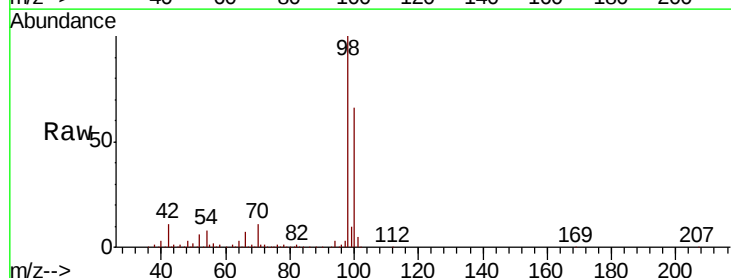


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

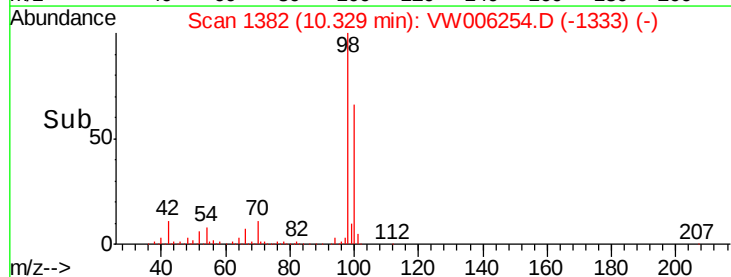
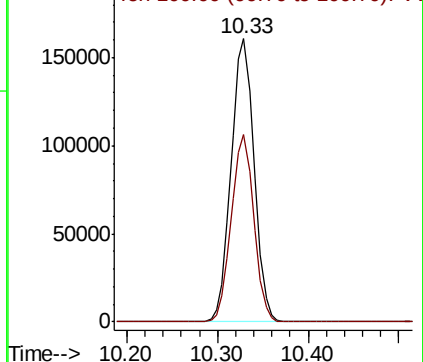


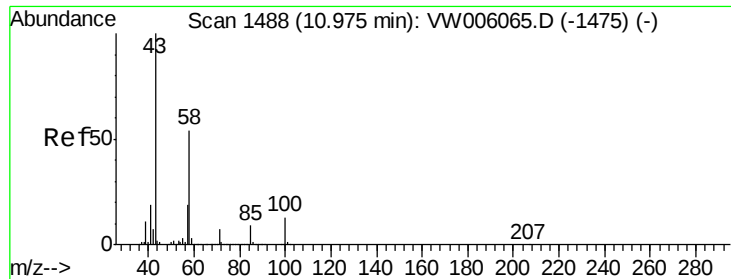
#50
Toluene-d8
Concen: 27.185 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

Tgt Ion: 98 Resp: 282448
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

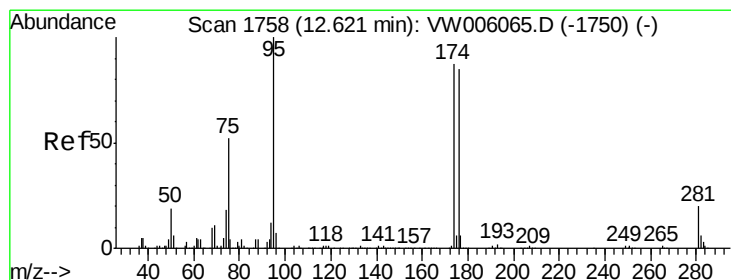
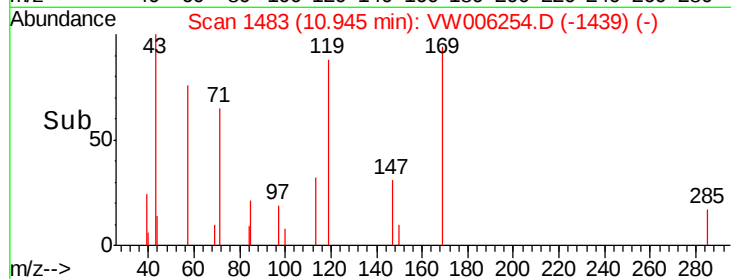
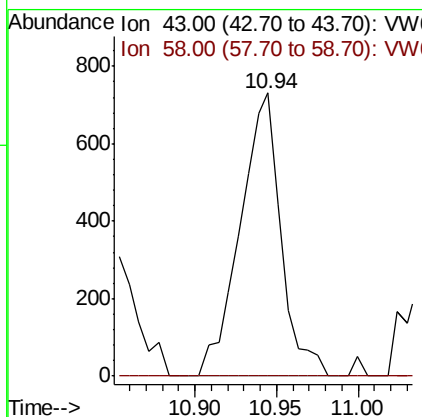
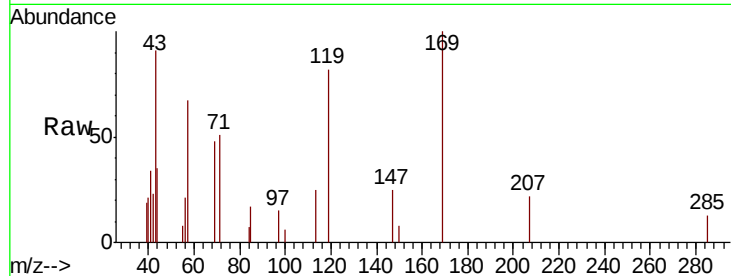




#59
2-Hexanone
Concen: 1.101 ug/l
RT: 10.94 min Scan# 1483
Delta R.T. -0.03 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

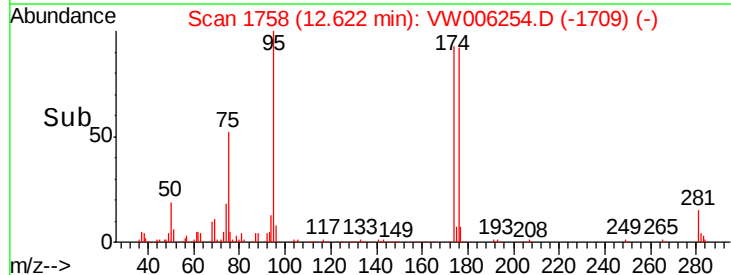
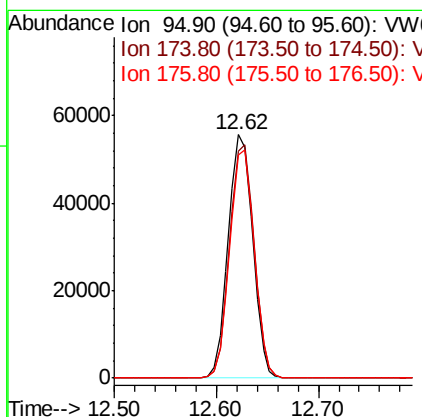
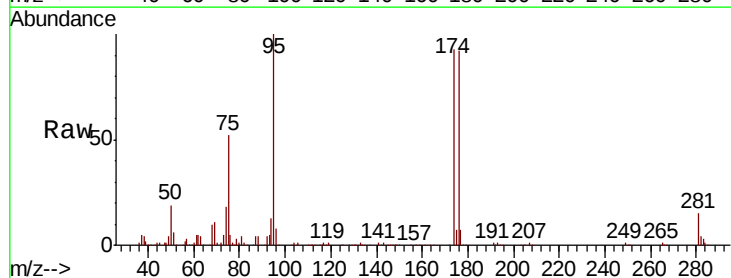
Instrument :
MSVOA_W
ClientSampled :
SB-4(0-2)

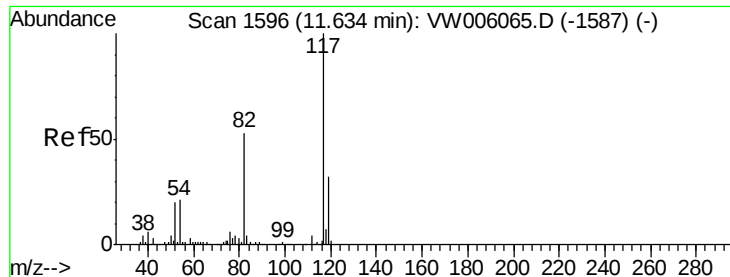
Tot Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 23.704 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

Tgt Ion: 95 Resp: 92498
Ion Ratio Lower Upper
95 100
174 95.8 0.0 186.0
176 93.6 0.0 181.6

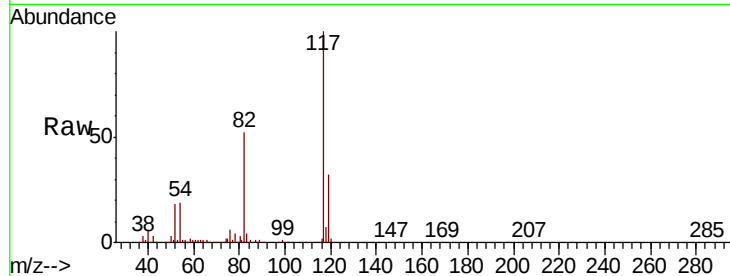




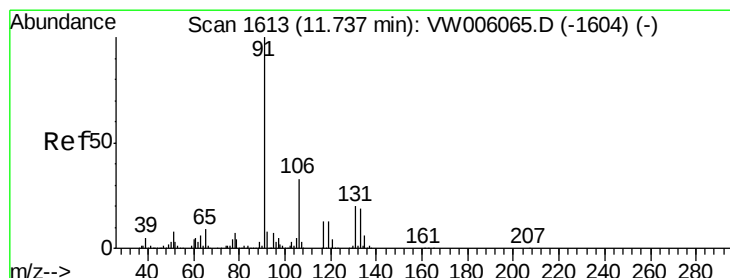
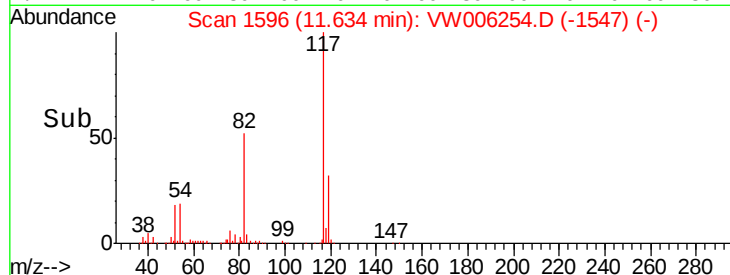
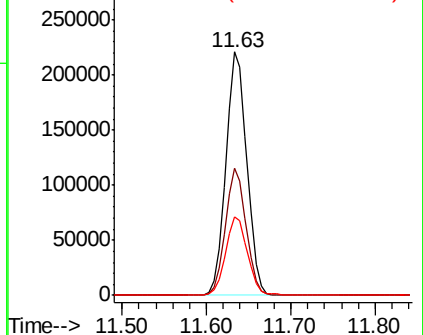
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

Instrument :
MSVOA_W
ClientSampleId :
SB-4(0-2)

Tot Ion:117 Resp: 371954
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 32.3 25.8 38.6

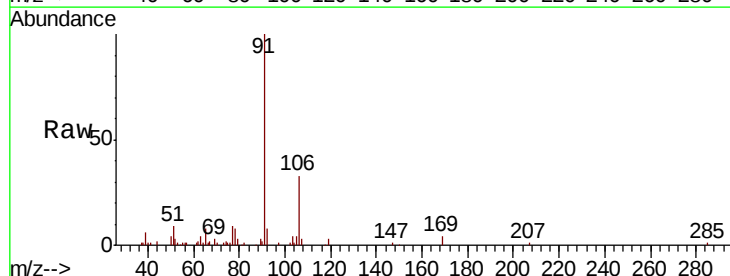


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

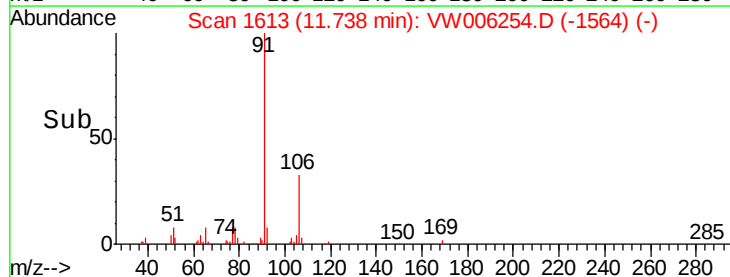
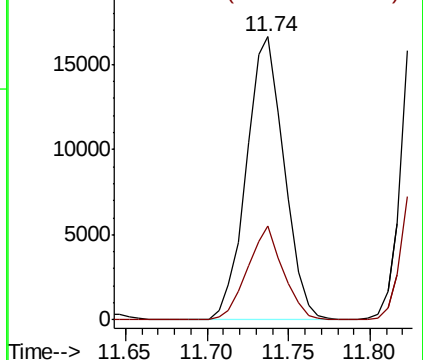


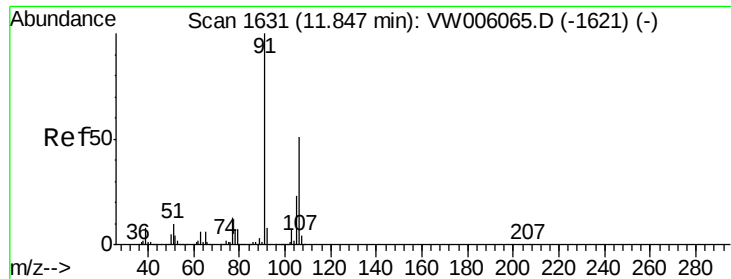
#67
Ethyl Benzene
Concen: 1.937 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

Tgt Ion: 91 Resp: 26726
Ion Ratio Lower Upper
91 100
106 33.3 26.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V

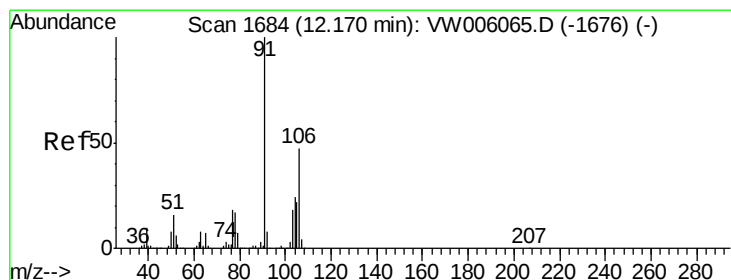
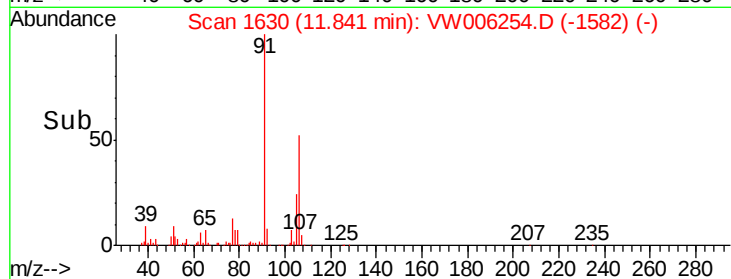
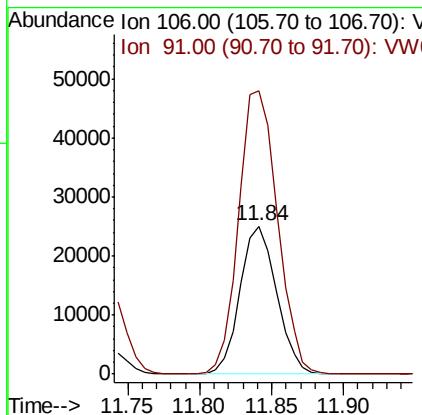
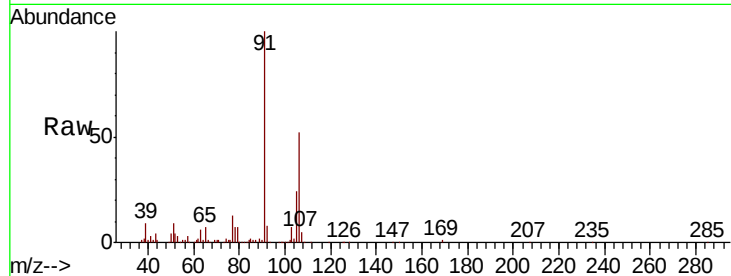




#68
m/p-Xylenes
Concen: 8.129 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

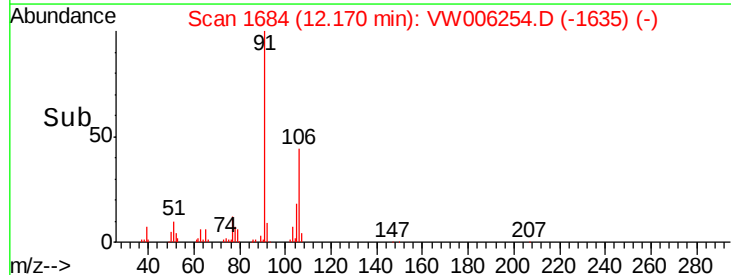
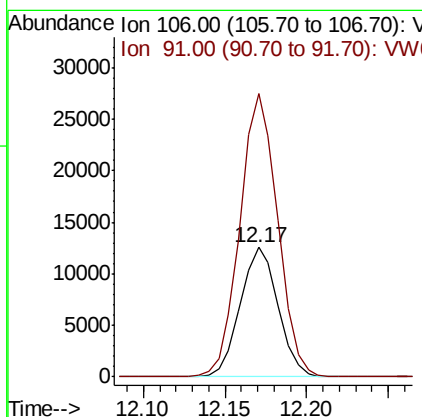
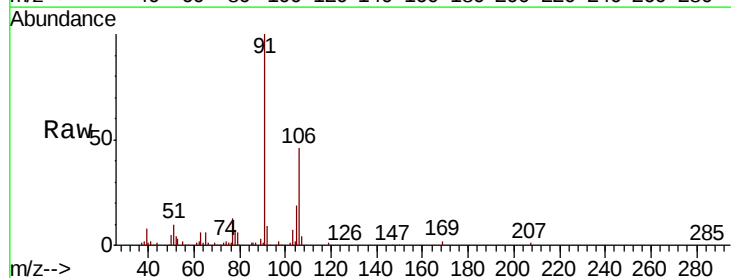
Instrument :
MSVOA_W
ClientSampleId :
SB-4(0-2)

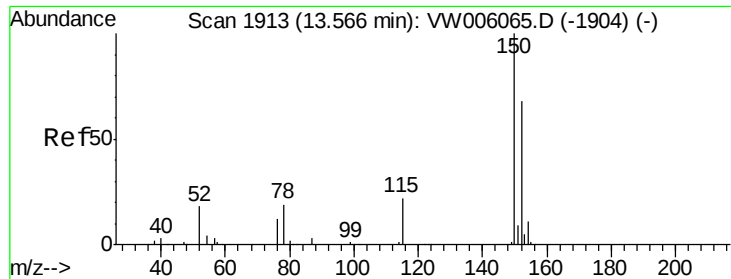
Tot Ion:106 Resp: 44337
Ion Ratio Lower Upper
106 100
91 202.7 159.1 238.7



#69
o-Xylene
Concen: 3.905 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

Tgt Ion:106 Resp: 20298
Ion Ratio Lower Upper
106 100
91 217.5 105.4 316.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006254.D

Acq: 22 Oct 2018 16:27

Instrument :

MSVOA_W

ClientSampleId :

SB-4(0-2)

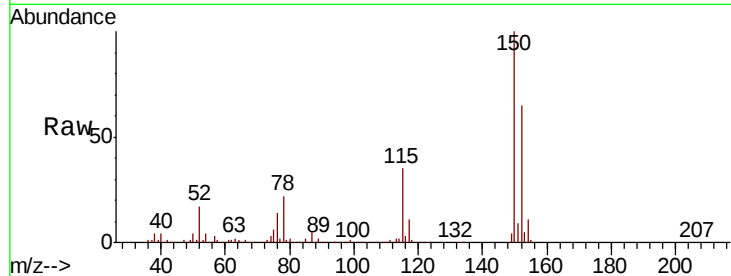
Tot Ion:152 Resp: 137273

Ion Ratio Lower Upper

152 100

115 54.5 27.8 83.3

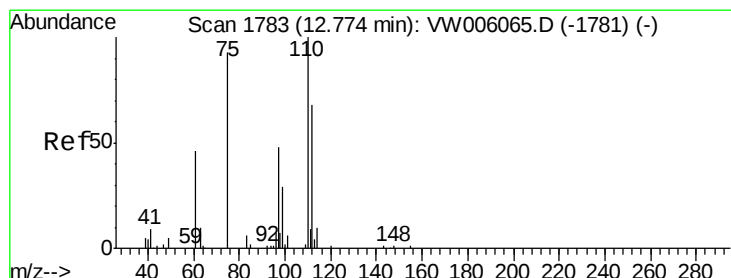
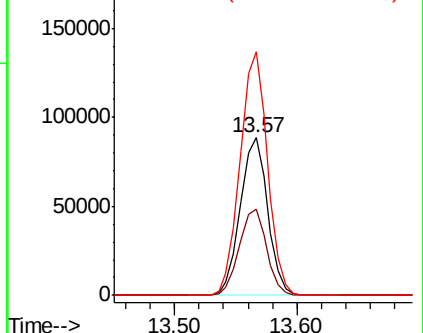
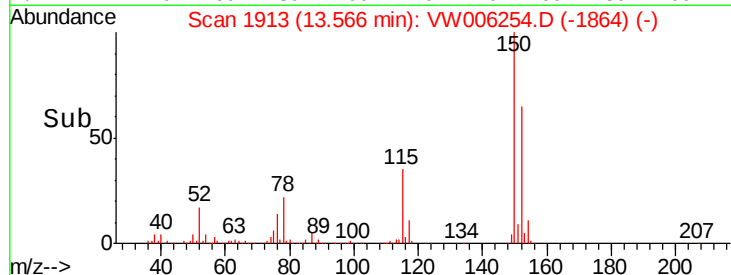
150 154.7 0.0 349.2



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: 44.695 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006254.D

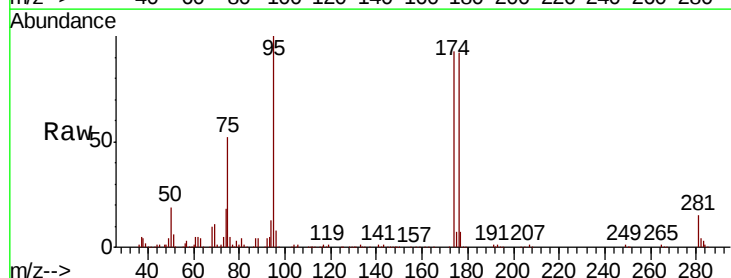
Acq: 22 Oct 2018 16:27

Tgt Ion: 75 Resp: 46863

Ion Ratio Lower Upper

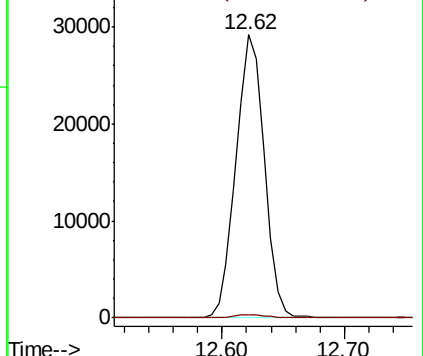
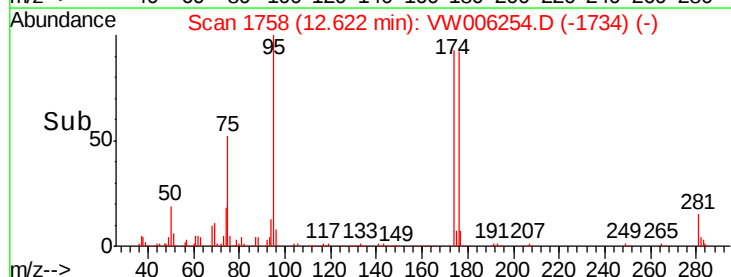
75 100

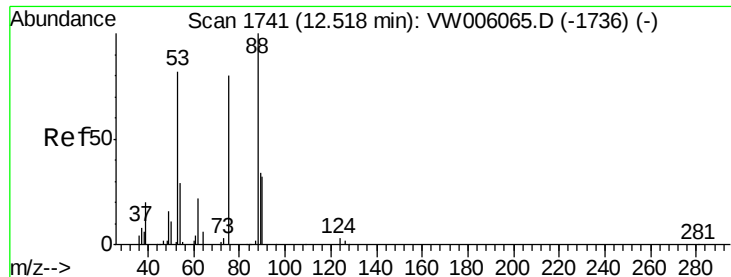
77 1.2 0.0 0.0#



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: 106.840 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006254.D

Acq: 22 Oct 2018 16:27

Instrument :

MSVOA_W

ClientSampleId :

SB-4(0-2)

Tot Ion: 75 Resp: 46863

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

